

EXHIBIT A

United States et al v. Google LLC, Case No. 1:23-cv-00108-LMB-JFA (E.D. Va.)
Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0001	11/18/2004 4:11	GOOG-DOJ-02122988	GOOG-DOJ-02122990	Email from Jonathan Rosenberg to Google employee	Highly Confidential
PTX0002	5/9/2005 18:06	GOOG-DOJ-01861190	GOOG-DOJ-01861195	Email from Gokul Rajaram to Salar Kamangar et al.	Highly Confidential
PTX0003	6/4/2005 1:59	GOOG-DOJ-02124439	GOOG-DOJ-02124441	Email from David Thacker to Salar Kamangar et al.	Highly Confidential
PTX0004	12/15/2005 19:28	GOOG-DOJ-01865681	GOOG-DOJ-01865684	Email from Rohit Dhawan to David Thacker et al.	Highly Confidential
PTX0005	3/7/2006 1:14	GOOG-DOJ-02106751	GOOG-DOJ-02106752	Email from Gokul Rajaram to Susan Wojcicki et al.	Highly Confidential
PTX0006	3/14/2006 6:36	GOOG-DOJ-02126668	GOOG-DOJ-02126672	Email from Susan Wojcicki to Gokul Rajaram	Highly Confidential
PTX0007	7/4/2006 7:11	GOOG-DOJ-02127977	GOOG-DOJ-02127983	Email from Gokul Rajaram to Francoise Brougher et al.	Highly Confidential
PTX0008	7/11/2006 6:19	GOOG-DOJ-02107183	GOOG-DOJ-02107187	Email from Gokul Rajaram to Susan Wojcicki et al.	Highly Confidential
PTX0009	9/22/2006 6:56	GOOG-DOJ-02107527	GOOG-DOJ-02107529	Email from Gokul Rajaram to Susan Wojcicki	Highly Confidential
PTX0010	11/16/2006 6:31	GOOG-DOJ-02129384	GOOG-DOJ-02129385	Email from Susan Wojcicki to Gokul Rajaram et al.	Highly Confidential
PTX0011	11/30/2006 2:53	GOOG-DOJ-01269184	GOOG-DOJ-01269185	Email from Bhavesh Mehta to Alan Eustace et al.	Highly Confidential
PTX0012	3/15/2007 0:00	GOOG-DOJ-01657645	GOOG-DOJ-01657686	DoubleClick presentation	Highly Confidential
PTX0013	3/15/2007 0:00	GOOG-DOJ-01657697	GOOG-DOJ-01657903	DoubleClick presentation	Highly Confidential
PTX0014	3/16/2007 18:48	GOOG-DOJ-13010240	GOOG-DOJ-13010284	Email from Jason Harinstein to Alex Kinnier et al., with attachment	Highly Confidential
PTX0015	3/23/2007 21:55	GOOG-DOJ-01823990	GOOG-DOJ-01823992	Email from David Drummond to google_bod@google.com et al., with attachment	Highly Confidential
PTX0016	4/9/2007 18:47	GOOG-DOJ-00003227	GOOG-DOJ-00003227	Email from Salman Ullah to emg@google.com et al.	Confidential
PTX0017	4/10/2007 1:18	GOOG-DOJ-02130647	GOOG-DOJ-02130648	Email from Rohit Dhawan to Gokul Rajaram et al.	Highly Confidential
PTX0018	7/30/2007 21:54	GOOG-DOJ-06615448	GOOG-DOJ-06615502	Google document	Highly Confidential
PTX0019	10/25/2007 0:00	GOOG-DOJ-01657206	GOOG-DOJ-01657246	Google/DoubleClick submission	Highly Confidential
PTX0020	1/25/2008 6:12	GOOG-DOJ-01827663	GOOG-DOJ-01827680	Email from Nick Fox to Joerg Heilig et al.	Highly Confidential
PTX0021	5/16/2008 21:26	GOOG-DOJ-01709787	GOOG-DOJ-01709792	Email from Andrew Poon to Scott Spencer et al., with attachments	Highly Confidential
PTX0022	5/19/2008 21:32	GOOG-DOJ-01718725	GOOG-DOJ-01718726	Email from Eileen Naughton to Google employees, with attachment	Highly Confidential
PTX0023	5/23/2008 21:39	GOOG-DOJ-03517095	GOOG-DOJ-03517096	Email from Mark Evans to Brian Axe et al.	Highly Confidential
PTX0024	5/29/2008 14:01	GOOG-DOJ-02731591	GOOG-DOJ-02731593	Email from Mary Lambert to Jim Kolotouros	Highly Confidential
PTX0025	5/29/2008 19:23	GOOG-DOJ-01313044	GOOG-DOJ-01313048	Email from Mark Evans to Mark Evans et al., with attachment	Highly Confidential
PTX0026	5/30/2008 10:43	GOOG-DOJ-01313065	GOOG-DOJ-01313069	Email from Brad Bender to Mark Evans et al.	Highly Confidential
PTX0027	7/10/2008 15:50	GOOG-DOJ-02110669	GOOG-DOJ-02110671	Email from Scott Spencer to Neal Mohan et al.	Highly Confidential
PTX0028	7/11/2008 19:43	GOOG-DOJ-03482813	GOOG-DOJ-03482840	Google presentation	Highly Confidential
PTX0029	7/17/2008 2:15	GOOG-DOJ-02110784	GOOG-DOJ-02110786	Email from Scott Spencer to Susan Wojcicki et al.	Highly Confidential
PTX0030	7/18/2008 13:48	GOOG-DOJ-02133677	GOOG-DOJ-02133681	Email from Scott Spencer to Susan Wojcicki et al.	Highly Confidential
PTX0031	7/25/2008 13:47	GOOG-DOJ-02133757	GOOG-DOJ-02133759	Email from Brian Axe to Susan Wojcicki et al.	Highly Confidential
PTX0032	9/3/2008 17:45	GOOG-DOJ-02133916	GOOG-DOJ-02133917	Email from Joan Braddi to Neal Mohan et al.	Highly Confidential
PTX0033	9/3/2008 19:17	GOOG-DOJ-02133918	GOOG-DOJ-02133919	Email from Neal Mohan to Joan Braddi et al.	Highly Confidential
PTX0034	9/6/2008 6:19	GOOG-DOJ-01748391	GOOG-DOJ-01748394	Email from Shilpa Anand to Neal Mohan et al., with attachments	Highly Confidential
PTX0035	1/8/2009 8:34	GOOG-AT-MDL-009596409	GOOG-AT-MDL-009596409	Email from Neal Mohan to David Rosenblatt	Confidential
PTX0036	1/31/2009 20:37	GOOG-AT-MDL-009597305	GOOG-AT-MDL-009597305	Email from Neal Mohan to Jens Skakkebaek et al.	Confidential
PTX0037	2/2/2009 20:38	GOOG-DOJ-02160742	GOOG-DOJ-02160750	Email from Prashant C. Fuloria to Monica Gnanadev et al.	Highly Confidential
PTX0038	2/11/2009 14:23	GOOG-DOJ-01439665	GOOG-DOJ-01439675	Email from Rob Jonas to partnerships-mg, with attachment	Highly Confidential
PTX0039	2/13/2009 20:47	GOOG-AT-MDL-009597716	GOOG-AT-MDL-009597720	Email from Neal Mohan to David Rosenblatt	Confidential
PTX0040	2/26/2009 5:38	GOOG-AT-MDL-009598319	GOOG-AT-MDL-009598320	Email from Neal Mohan to David Rosenblatt	Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0041	3/23/2009 18:17	GOOG-DOJ-02148005	GOOG-DOJ-02148007	Email from Neal Mohan to Nikesh Arora et al.	Highly Confidential
PTX0042	4/2/2009 0:09	GOOG-DOJ-02111607	GOOG-DOJ-02111608	Email from Scott Spencer to Neal Mohan et al.	Highly Confidential
PTX0043	4/16/2009 3:12	GOOG-AT-MDL-012386226	GOOG-AT-MDL-012386236	Email from Chris LaSala to Chris LaSala	Confidential
PTX0044	4/21/2009 5:15	GOOG-AT-MDL-009398913	GOOG-AT-MDL-009398915	Email from Neal Mohan to Scott Spencer et al.	Confidential
PTX0045	6/23/2009 18:04	GOOG-AT-MDL-009603915	GOOG-AT-MDL-009603915	Email from Neal Mohan to Henrique DE Castro	Confidential
PTX0046	6/25/2009 21:25	GOOG-AT-MDL-012522095	GOOG-AT-MDL-012522099	Email from Neal Mohan to Jonathan Bellack et al.	Confidential
PTX0047	9/9/2009 0:00	GOOG-AT-MDL-014602532	GOOG-AT-MDL-014602543	Email from Rahul Bafna to Scott Spencer, with attachment	Confidential
PTX0048	9/15/2009 0:00	GOOG-AT-MDL-014602928	GOOG-AT-MDL-014602949	Email from Scott Spencer to Sarin Suvarna et al., with attachment	Confidential
PTX0049	10/7/2009 17:35	GOOG-DOJ-12119445	GOOG-DOJ-12119447	Google document	Highly Confidential
PTX0050	2/22/2010 23:18	GOOG-DOJ-02113222	GOOG-DOJ-02113224	Email from Rajas Moonka to Jason Miller et al.	Highly Confidential
PTX0051	4/6/2010 23:06	GOOG-DOJ-02162723	GOOG-DOJ-02162727	Email from Jag Duggal to Google employee	Highly Confidential
PTX0052	5/12/2010 21:15	GOOG-TEX-00099950	GOOG-TEX-00099954	Email from Jason Miller to Rajas Moonka et al.	Highly Confidential
PTX0053	5/13/2010 17:53	GOOG-TEX-00099984	GOOG-TEX-00100000	Email from Cynthia Benin to Bruce Falck et al.	Highly Confidential
PTX0054	6/30/2010 20:47	GOOG-TEX-00113007	GOOG-TEX-00113022	Email from Stephen Dove to Stephen Dove et al., with attachment	Highly Confidential
PTX0055	8/20/2010 3:51	GOOG-AT-MDL-009618311	GOOG-AT-MDL-009618312	Email from Neal Mohan to Eric Rosenblum et al.	Confidential
PTX0056	8/23/2010 20:37	GOOG-TEX-00101776	GOOG-TEX-00101821	Email from Kento Sugiura to Chris LaSala, with attachment	Highly Confidential
PTX0057	9/22/2010 19:28	GOOG-TEX-00269169	GOOG-TEX-00269170	Email from Jonathan Bellack to Scott Spencer et al.	Highly Confidential
PTX0058	10/11/2010 21:28	GOOG-TEX-00812799	GOOG-TEX-00812804	Email from Neal Mohan to Jason Harinstein	Highly Confidential
PTX0059	10/18/2010 19:53	GOOG-AT-MDL-009620077	GOOG-AT-MDL-009620077	Email from Neal Mohan to Barry Salzman	Confidential
PTX0060	10/19/2010 3:17	GOOG-TEX-00041486	GOOG-TEX-00041492	Email from Neal Mohan to Jonathan Bellack et al.	Highly Confidential
PTX0061	11/29/2010 15:53	GOOG-TEX-00070498	GOOG-TEX-00070501	Email from Brad Bender to Adrian Corduneanu et al.	Highly Confidential
PTX0062	1/7/2011 18:15	GOOG-DOJ-01322621	GOOG-DOJ-01322629	Email from Neal Mohan to Joerg Heilig	Highly Confidential
PTX0063	2/2/2011 18:10	GOOG-DOJ-13245481	GOOG-DOJ-13245488	Email from Scott Spencer to Jonathan Bellack et al.	Highly Confidential
PTX0064	2/7/2011 17:16	GOOG-DOJ-14826375	GOOG-DOJ-14826378	Email from Scott Spencer to Nemo Semret et al.	Highly Confidential
PTX0065	2/17/2011 18:31	GOOG-DOJ-14826584	GOOG-DOJ-14826604	Email from Scott Spencer to Eyal Manor et al., with attachment	Highly Confidential
PTX0066	2/18/2011 0:07	GOOG-DOJ-06573528	GOOG-DOJ-06573530	Email from monetization-pm@google.com on behalf of Zachary Goldbert to Google employees	Highly Confidential
PTX0067	2/18/2011 2:19	GOOG-DOJ-05244824	GOOG-DOJ-05244828	Email from Zachary Goldberg to Jonathan Bellack et al.	Highly Confidential
PTX0068	2/18/2011 18:24	GOOG-DOJ-03863678	GOOG-DOJ-03863678	Message containing comments to Google document	Highly Confidential
PTX0069	2/19/2011 16:13	GOOG-DOJ-05244839	GOOG-DOJ-05244842	Email from Sean Downey to Brad Bender et al.	Highly Confidential
PTX0070	2/22/2011 15:32	GOOG-TEX-00042179	GOOG-TEX-00042194	Email from Jonathan Bellack to Jag Duggal et al., with attachment	Highly Confidential
PTX0071	2/23/2011 1:40	GOOG-DOJ-05244847	GOOG-DOJ-05244851	Email from Brad Bender to Jason Miller et al.	Highly Confidential
PTX0072	2/25/2011 20:01	GOOG-DOJ-03599580	GOOG-DOJ-03599645	Email from Pooja Kapoor to multiple recipients, with attachments	Highly Confidential
PTX0073	2/28/2011 0:00	GOOG-DOJ-13247747	GOOG-DOJ-13247807	Email from xfp-ym@google.com on behalf of Casey Saran to Arun Mathew et al.	Highly Confidential
PTX0074	3/2/2011 23:17	GOOG-DOJ-03863784	GOOG-DOJ-03863785	Google document	Highly Confidential
PTX0075	3/10/2011 3:47	GOOG-DOJ-03863839	GOOG-DOJ-03863840	Email from Scott Spencer to Chip Hall et al.	Highly Confidential
PTX0076	3/14/2011 2:21	GOOG-AT-MDL-019036783	GOOG-AT-MDL-019036785	Google document	Confidential
PTX0077	4/1/2011 16:33	GOOG-AT-MDL-004228528	GOOG-AT-MDL-004228590	Email from Zachary Goldberg to Luis Vilela et al., with attachment	Confidential
PTX0078	4/12/2011 19:21	GOOG-AT-MDL-009593285	GOOG-AT-MDL-009593287	Email from Neal Mohan to Lourdes Canicosa et al.	Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0079	4/15/2011 0:00	GOOG-DOJ-13252092	GOOG-DOJ-13252114	Email from Jonathan Bellack to Yang Zhang et al., with attachment	Highly Confidential
PTX0080	4/27/2011 23:13	GOOG-AT-MDL-004534545	GOOG-AT-MDL-004534547	Google document	Confidential
PTX0081	4/29/2011 21:05	GOOG-DOJ-03864136	GOOG-DOJ-03864140	Email from Brad Bender to Jason Miller et al.	Highly Confidential
PTX0082	5/9/2011 14:21	GOOG-DOJ-04294986	GOOG-DOJ-04294995	Email from Neal Mohan to Scott Spencer	Highly Confidential
PTX0083	5/27/2011 22:46	GOOG-DOJ-03864499	GOOG-DOJ-03864545	Email from Jag Duggal to Brad Bender, with attachments	Highly Confidential
PTX0084	6/15/2011 16:34	GOOG-DOJ-04295842	GOOG-DOJ-04295842	Email from Scott Spencer to Neal Mohan	Highly Confidential
PTX0085	6/16/2011 16:07	GOOG-DOJ-13257712	GOOG-DOJ-13257734	Email from Jonathan Bellack to Laurent Cordier, with attachment	Highly Confidential
PTX0086	6/27/2011 15:21	GOOG-DOJ-32035110	GOOG-DOJ-32035113	Email from Ariel Bardin to Neal Mohan et al.	Confidential
PTX0087	6/28/2011 16:35	GOOG-AT-MDL-018616605	GOOG-AT-MDL-018616605	Google document	Confidential
PTX0088	7/18/2011 17:12	GOOG-DOJ-02139596	GOOG-DOJ-02139615	Google document	Highly Confidential
PTX0089	8/6/2011 6:30	GOOG-DOJ-02138228	GOOG-DOJ-02138231	Email from Scott Spencer to Jeff Huber et al., with attachments	Highly Confidential
PTX0090	9/2/2011 20:52	GOOG-DOJ-01019408	GOOG-DOJ-01019411	Email from Jocelyn Lin to Nitin Khandelwal et al., with attachment	Highly Confidential
PTX0091	12/2/2011 0:00	GOOG-DOJ-04145792	GOOG-DOJ-04145813	Email from as-tips@google.com on behalf of Gili Vaturi to Benjamin Le Roux et al., with attachment	Highly Confidential
PTX0092	12/14/2011 21:04	GOOG-DOJ-29632965	GOOG-DOJ-29632966	Email from Aitan Weinberg to Neal Mohan et al.	Highly Confidential
PTX0093	12/15/2011 0:00	GOOG-DOJ-03601148	GOOG-DOJ-03601190	Email from Alanna Clark to Pooja Kapoor et al., with attachment	Highly Confidential
PTX0094	2/10/2012 2:51	GOOG-DOJ-15583409	GOOG-DOJ-15583413	Email from Drew Bradstock to Scott Spencer	Highly Confidential
PTX0095	2/24/2012 3:59	GOOG-AT-MDL-014621288	GOOG-AT-MDL-014621289	Email from Scott Spencer to Jason Sigalos et al.	Confidential
PTX0096	2/27/2012 15:45	GOOG-TEX-00815605	GOOG-TEX-00815614	Email from Bruck Falck to Joerg Heilig et al., with attachment	Highly Confidential
PTX0097	3/21/2012 1:59	GOOG-DOJ-14237839	GOOG-DOJ-14237856	Email from Ritu Kathpalia to Scott Spencer et al., with attachment	Highly Confidential
PTX0098	4/26/2012 0:34	GOOG-TEX-00043401	GOOG-TEX-00043476	Email from Adam Zika to partnerships-all@google.com et al., with attachment	Highly Confidential
PTX0099	5/17/2012 14:10	GOOG-AT-MDL-017591289	GOOG-AT-MDL-017591293	Email from Drew Bradstock to Scott Spencer et al.	Highly Confidential
PTX0100	5/19/2012 2:43	GOOG-AT-MDL-009762423	GOOG-AT-MDL-009762429	Email from Scott Spencer to Tom Jenen et al.	Confidential
PTX0101	6/8/2012 15:05	GOOG-DOJ-14842648	GOOG-DOJ-14842653	Email from Jason Washing to Scott Spencer et al.	Highly Confidential
PTX0102	7/12/2012 23:26	GOOG-DOJ-03603126	GOOG-DOJ-03603154	Email from mdev@google.com on behalf of Jason Kelly to Marketplace Development [mdev@google.com], with attachment	Highly Confidential
PTX0103	7/26/2012 21:39	GOOG-DOJ-03870086	GOOG-DOJ-03870087	Email from Woojin Kim to Brad Bender	Highly Confidential
PTX0104	8/3/2012 11:50	GOOG-DOJ-03603298	GOOG-DOJ-03603300	Google document	Highly Confidential
PTX0105	8/14/2012 22:53	GOOG-DOJ-04401026	GOOG-DOJ-04401030	Google document	Highly Confidential
PTX0106	8/15/2012 7:47	GOOG-TEX-00044353	GOOG-TEX-00044356	Google document	Highly Confidential
PTX0107	8/15/2012 16:15	GOOG-TEX-00279425	GOOG-TEX-00279432	Email from Jennifer Schindler to Adam Klee et al., with attachment	Highly Confidential
PTX0108	8/15/2012 16:24	GOOG-DOJ-03603452	GOOG-DOJ-03603459	Google document	Highly Confidential
PTX0109	8/15/2012 16:24	GOOG-TEX-00714995	GOOG-TEX-00715002	Google document	Highly Confidential
PTX0110	8/20/2012 0:00	GOOG-DOJ-05247075-0001	GOOG-DOJ-05247153-0079	Google document	Highly Confidential
PTX0111	8/22/2012 13:40	GOOG-DOJ-15592420	GOOG-DOJ-15592421	Email from Sean Harvey to Scott Spencer, et al.	Highly Confidential
PTX0112	8/26/2012 0:59	GOOG-DOJ-10590974	GOOG-DOJ-10590998	Google document	Highly Confidential

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0113	8/27/2012 1:23	GOOG-DOJ-13283803	GOOG-DOJ-13283805	Google document	Highly Confidential
PTX0114	9/10/2012 16:52	GOOG-TEX-00076049	GOOG-TEX-00076050	Email from Marc Theermann to Scott Spencer et al.	Highly Confidential
PTX0115	9/12/2012 7:13	GOOG-TEX-00054421	GOOG-TEX-00054424	Google document	Highly Confidential
PTX0116	9/12/2012 19:53	GOOG-TEX-00034461	GOOG-TEX-00034463	Email from Chris LaSala to Marc Theermann	Highly Confidential
PTX0117	10/18/2012 17:41	GOOG-DOJ-06581350	GOOG-DOJ-06581352	Google document	Highly Confidential
PTX0118	10/31/2012 20:31	GOOG-AT-MDL-012478322	GOOG-AT-MDL-012478324	Email from Chris LaSala to Marc Theermann et al.	Confidential
PTX0119	11/27/2012 16:11	GOOG-DOJ-15598151	GOOG-DOJ-15598153	Email from Stephanie Fournis to Scott Spencer et al.	Highly Confidential
PTX0120	11/27/2012 19:47	GOOG-DOJ-03870862	GOOG-DOJ-03870877	Email from Tobias Maurer to Charlie Vestner et al., with attachment	Highly Confidential
PTX0121	12/10/2012 19:08	GOOG-DOJ-11036977	GOOG-DOJ-11036979	Email from Sanjay Datta to Danielle Romain et al.	Highly Confidential
PTX0122	1/17/2013 17:04	GOOG-DOJ-04528816	GOOG-DOJ-04528817	Email from pmg@google.com on behalf of Scott Sheffer to PBS Management Team (PMG) [pmg@google.com]	Highly Confidential
PTX0123	1/18/2013 0:00	GOOG-AT-MDL-001274267	GOOG-AT-MDL-001274290	Email from Sergio Abreu to Luis Vilela, with attachment	Confidential
PTX0124	1/30/2013 2:30	GOOG-DOJ-15600216	GOOG-DOJ-15600218	Email from Scott Spencer to Kick Zandbergen et al.	Highly Confidential
PTX0125	2/21/2013 18:45	GOOG-DOJ-10940285	GOOG-DOJ-10940286	Email from Jennifer Schindler to Chris LaSala	Highly Confidential
PTX0126	3/4/2013 20:55	GOOG-DOJ-14247892	GOOG-DOJ-14247894	Email from Scott Spencer to Adam Klee	Highly Confidential
PTX0127	3/14/2013 23:57	GOOG-DOJ-03605185	GOOG-DOJ-03605187	Email from Scott Spencer to Laureline Serieys et al.	Highly Confidential
PTX0128	3/23/2013 1:16	GOOG-TEX-00149044	GOOG-TEX-00149048	Email from Scott Spencer to Martin Pal et al.	Highly Confidential
PTX0129	3/26/2013 19:51	GOOG-TEX-00149056	GOOG-TEX-00149062	Email from Scott Spencer to Reena Vokoun et al.	Highly Confidential
PTX0130	4/4/2013 23:06	GOOG-AT-MDL-B-004428140	GOOG-AT-MDL-B-004428140	Message from Michael Schulman to Deepti Bhatnagar	Confidential
PTX0131	4/17/2013 18:07	GOOG-DOJ-03872448	GOOG-DOJ-03872450	Google document	Highly Confidential
PTX0132	4/17/2013 18:07	GOOG-DOJ-13295787	GOOG-DOJ-13295789	Google document	Highly Confidential
PTX0133	4/22/2013 21:19	GOOG-DOJ-15603896	GOOG-DOJ-15603896	Message from Tobias Maurer to Scott Spencer	Highly Confidential
PTX0134	4/25/2013 0:19	GOOG-DOJ-11753371	GOOG-DOJ-11753378	Email from Jonathan Dale to Chris LaSala, with attachments	Highly Confidential
PTX0135	5/1/2013 16:34	GOOG-DOJ-09447911	GOOG-DOJ-09447916	Google document	Highly Confidential
PTX0136	5/21/2013 17:19	GOOG-DOJ-06583584	GOOG-DOJ-06583586	Email from Jonathan Bellack to Aparna Pappu et al.	Highly Confidential
PTX0137	5/30/2013 18:43	GOOG-AT-MDL-014628114	GOOG-AT-MDL-014628116	Email from Sunni Yuen to Woojin Kim et al.	Confidential
PTX0138	5/31/2013 0:48	GOOG-AT-MDL-014515747	GOOG-AT-MDL-014515748	Email from Scott Spencer to Woojin Kim et al.	Confidential
PTX0139	6/11/2013 21:11	GOOG-DOJ-06584045	GOOG-DOJ-06584047	Email from launch@google.com to Google employees	Highly Confidential
PTX0140	6/12/2013 13:29	GOOG-DOJ-09448411	GOOG-DOJ-09448419	Email from Jan Sehr to Daniel Silveira et al.	Highly Confidential
PTX0141	6/17/2013 7:04	GOOG-DOJ-03606441	GOOG-DOJ-03606451	Google document	Highly Confidential
PTX0142	6/28/2013 16:19	GOOG-AT-MDL-014628553	GOOG-AT-MDL-014628554	Email from Adam Klee to Scott Spencer	Confidential
PTX0143	7/10/2013 16:57	GOOG-DOJ-04407352	GOOG-DOJ-04407354	Email from Pooja Kapoor to Megan Kiefer et al.	Highly Confidential
PTX0144	7/11/2013 21:43	GOOG-DOJ-04407434	GOOG-DOJ-04407444	Google document	Highly Confidential
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PTX0146	8/15/2013 20:48	GOOG-DOJ-03607096	GOOG-DOJ-03607102	Google presentation	Highly Confidential
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PTX0148	9/11/2013 16:52	GOOG-AT-MDL-014564678	GOOG-AT-MDL-014564681	Email from Mathew Monroe to Victor Starenky et al.	Confidential
PTX0149	9/12/2013 5:06	GOOG-AT-MDL-014564694	GOOG-AT-MDL-014564697	Email from Matthew Monroe to Jaelyn Madden et al.	Confidential
PTX0150	9/18/2013 16:25	GOOG-AT-MDL-B-004428141	GOOG-AT-MDL-B-004428142	Message from Michael Rosett to Deepti Bhatnagar	Confidential
PTX0151	10/8/2013 16:33	GOOG-DOJ-03873799	GOOG-DOJ-03873801	Email from David Bledin to Atlan Weinberg et al.	Highly Confidential
PTX0152	10/25/2013 14:51	GOOG-DOJ-03874061	GOOG-DOJ-03874069	Google document	Highly Confidential
PTX0153	10/26/2013 8:00	GOOG-DOJ-15718679	GOOG-DOJ-15718681	Email from launch@google.com to Google employees	Highly Confidential
PTX0154	10/29/2013 15:28	GOOG-AT-MDL-009412816	GOOG-AT-MDL-009412818	Email from Joan Braddi to James McSweeney, et al.	Confidential
PTX0155	10/30/2013 0:10	GOOG-TEX-00055079	GOOG-TEX-00055086	Google presentation	Highly Confidential
PTX0156	10/30/2013 14:15	GOOG-AT-MDL-009412827	GOOG-AT-MDL-009412830	Email from Tobias Maurer to Joan Braddi, et al.	Confidential

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0157	10/30/2013 17:00	GOOG-DOJ-03608886	GOOG-DOJ-03608890	Google presentation	Highly Confidential
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PTX0159	2/5/2014 15:09	GOOG-DOJ-03610002	GOOG-DOJ-03610004	Google document	Highly Confidential
PTX0160	2/7/2014 18:24	GOOG-DOJ-12684590	GOOG-DOJ-12684619	Email from Ashley Hu to Bethanie Baynes, with attachment	Highly Confidential
PTX0161	3/3/2014 19:53	GOOG-DOJ-14867672	GOOG-DOJ-14867672	Email from Aparna Pappu to Scott Spencer	Highly Confidential
PTX0162	3/4/2014 18:29	GOOG-DOJ-14257029	GOOG-DOJ-14257041	Google presentation	Highly Confidential
PTX0163	3/7/2014 17:51	GOOG-DOJ-03610256	GOOG-DOJ-03610274	Google presentation	Highly Confidential
PTX0164	3/14/2014 0:58	GOOG-DOJ-29736075	GOOG-DOJ-29736076	Email from Scott Spencer to Johan Land et al.	Confidential
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PTX0166	3/24/2014 0:11	GOOG-DOJ-03525434	GOOG-DOJ-03525434	Google document	Highly Confidential
PTX0167	3/28/2014 14:43	GOOG-DOJ-15618265	GOOG-DOJ-15618268	Email from Tobias Maurer to Bruce Falck et al.	Highly Confidential
PTX0168	3/28/2014 15:38	GOOG-DOJ-14258291	GOOG-DOJ-14258294	Email from Christian Veer to Tobias Maurer et al.	Highly Confidential
PTX0169	3/28/2014 16:20	GOOG-DOJ-14258295	GOOG-DOJ-14258298	Email from Christian Veer to Tobias Maurer et al.	Highly Confidential
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PTX0171	4/4/2014 14:35	GOOG-DOJ-04857852	GOOG-DOJ-04857857	Email from ads-quality-team@google.com on behalf of Vinod Marur to Reed Taylor et al.	Highly Confidential
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PTX0173	4/8/2014 22:26	GOOG-AT-MDL-004235486	GOOG-AT-MDL-004235488	Email from Chris LaSala to Aidan Booth et al.	Confidential
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PTX0179	5/30/2014 19:28	GOOG-DOJ-09451567	GOOG-DOJ-09451590	Google presentation	Highly Confidential
PTX0180	6/4/2014 0:00	GOOG-DOJ-14010311	GOOG-DOJ-14010313	Email from Eisar Lipkowitz to Scott Silver	Highly Confidential
PTX0181	6/6/2014 17:08	GOOG-DOJ-14303532	GOOG-DOJ-14303589	Google presentation	Highly Confidential
PTX0182	6/7/2014 23:19	GOOG-AT-MDL-B-002182842	GOOG-AT-MDL-B-002182845	Email from Jesse Savage to Paul Pellman et al.	Confidential
PTX0183	6/12/2014 13:20	GOOG-DOJ-04992716	GOOG-DOJ-04992719	Email from Scott Silver to Eisar Lipkowitz et al.	Highly Confidential
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PTX0185	6/24/2014 14:11	GOOG-DOJ-07809152	GOOG-DOJ-07809153	Email from Charles Huang to Woojin Kim et al.	Highly Confidential
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PTX0195	7/31/2014 1:14	GOOG-DOJ-15199343	GOOG-DOJ-15199345	Email from Chris Harris to Eisar Lipkowitz	Highly Confidential
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PTX0197	9/2/2014 19:07	GOOG-AT-MDL-014460499	GOOG-AT-MDL-014460500	Email from Aparna Pappu to Nirmal Jayaram et al.	Confidential
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PTX0200	9/19/2014 19:22	GOOG-DOJ-03543422	GOOG-DOJ-03543424	Email from Neal Mohan to Jason Spero	Highly Confidential
PTX0201	9/19/2014 21:26	GOOG-DOJ-03877823	GOOG-DOJ-03877823	Email from Tobias Maurer to Brad Bender	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0202	9/30/2014 8:21	GOOG-AT-MDL-B-002093394	GOOG-AT-MDL-B-002093395	Email from Ali Nasiri Amini to Varun Ramanujam et al.	Confidential
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PTX0204	10/16/2014 18:43	GOOG-DOJ-14022335	GOOG-DOJ-14022380	Google presentation	Highly Confidential
PTX0205	11/4/2014 1:40	GOOG-DOJ-03878075	GOOG-DOJ-03878076	Email from Johan Land to Rohit Dhawan et al.	Highly Confidential
PTX0206	11/4/2014 15:36	GOOG-DOJ-03878083	GOOG-DOJ-03878085	Email from Johan Land to Aparna Pappu et al.	Highly Confidential
PTX0207	11/6/2014 6:32	GOOG-DOJ-03231699	GOOG-DOJ-03231703	Email from Aitan Weinberg to Brad Bender et al.	Highly Confidential
PTX0208	12/3/2014 21:28	GOOG-DOJ-12768541	GOOG-DOJ-12768569	Google presentation	Highly Confidential
PTX0209	12/4/2014 18:04	GOOG-DOJ-06592338	GOOG-DOJ-06592340	Email from Max Loubser to Scott Silver et al.	Highly Confidential
PTX0210	12/9/2014 4:09	GOOG-AT-MDL-009417880	GOOG-AT-MDL-009417881	Email from Jennifer Flannery O'Connor to Neal Mohan	Confidential
PTX0211	12/9/2014 16:36	GOOG-AT-MDL-016955780	GOOG-AT-MDL-016955782	Email from Jennifer Flannery O'Connor to Jim Giles et al.	Confidential
PTX0212	12/9/2014 16:56	GOOG-AT-MDL-013362112	GOOG-AT-MDL-013362116	Email from Aparna Pappu to Scott Silver	Confidential
PTX0213	8/12/2015 2:29	GOOG-DOJ-15188149	GOOG-DOJ-15188149	Message generated by docs.google.com containing comments to document	Highly Confidential
PTX0214	1/6/2015 17:59	GOOG-DOJ-14712011	GOOG-DOJ-14712015	Email from Max Loubser to Aparna Pappu et al.	Highly Confidential
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PTX0227	4/30/2015 21:29	GOOG-DOJ-03880564	GOOG-DOJ-03880567	Email from drx-notes@google.com on behalf of Drew Bradstock to Jonathan Bellack et al.	Highly Confidential
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PTX0239	8/5/2015 18:23	GOOG-TEX-00102812	GOOG-TEX-00102823	Email from Assaf Grabinsky to Thomas Schreiber et al.	Highly Confidential
PTX0240	8/5/2015 18:23	GOOG-DOJ-12710616	GOOG-DOJ-12710624	Email from Assaf Grabinsky to Thomas Schreiber et al.	Highly Confidential
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PTX0244	8/26/2015 17:30	GOOG-DOJ-13352197	GOOG-DOJ-13352202	Email from Woojin Kim to Aparna Pappu et al.	Highly Confidential

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PTX0246	9/18/2015 14:35	GOOG-DOJ-14004308	GOOG-DOJ-14004308	Email from Gargi Sur to Drew Bradstock	Highly Confidential
PTX0247	9/24/2015 20:14	GOOG-TEX-00123404	GOOG-TEX-00123417	Google presentation	Highly Confidential
PTX0248	9/25/2015 18:29	GOOG-TEX-00118526	GOOG-TEX-00118537	Google document	Highly Confidential
PTX0249	9/29/2015 13:56	GOOG-DOJ-13354593	GOOG-DOJ-13354598	Email from Julie Sterling to David Goodman et al.	Highly Confidential
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PTX0256	10/13/2015 15:28	GOOG-DOJ-15643121	GOOG-DOJ-15643126	Email from Scott Spencer to Michael Smith et al.	Highly Confidential
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PTX0261	11/3/2015 21:03	GOOG-DOJ-13964907	GOOG-DOJ-13964907	Email from George Levitte to David Goodman	Highly Confidential
PTX0262	11/4/2015 16:14	GOOG-DOJ-15728914	GOOG-DOJ-15728924	Email from Woojin Kim to Alok Aggarwal et al.	Highly Confidential
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PTX0282	1/8/2016 0:32	GOOG-DOJ-15192614	GOOG-DOJ-15192614	Email from George Levitte to Drew Bradstock et al.	Highly Confidential
PTX0283	1/8/2016 19:03	GOOG-TEX-00089404	GOOG-TEX-00089404	Email from Jennifer Schindler to Geraldine Chachoua et al.	Highly Confidential

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PTX0284	1/8/2016 21:39	GOOG-DOJ-13364290	GOOG-DOJ-13364292	Email from Woojin Kim to Scott Spencer et al.	Highly Confidential
PTX0285	1/8/2016 22:07	GOOG-TEX-00085406	GOOG-TEX-00085409	Email from Drew Bradstock to Woojin Kim et al.	Highly Confidential
PTX0286	1/11/2016 17:56	GOOG-TEX-00117995	GOOG-TEX-00118000	Email from Jonathan Bellack to Aparna Pappu	Highly Confidential
PTX0287	1/11/2016 17:56	GOOG-DOJ-13364449	GOOG-DOJ-13364453	Email from Jonathan Bellack to Aparna Pappu	Highly Confidential
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PTX0289	1/12/2016 6:12	GOOG-DOJ-07237766	GOOG-DOJ-07237770	Email from mad-pm@google.com on behalf of Chris Gkarlos-Stavropoulos to Eisar Lipkowitz et al.	Highly Confidential
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Plaintiffs' Trial Exhibit List

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
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PTX0435	12/14/2016 2:01	GOOG-DOJ-13387310	GOOG-DOJ-13387312	Email from Aparna Pappu to Gang Wang et al.	Highly Confidential
PTX0436	12/14/2016 2:05	GOOG-AT-MDL-012341268	GOOG-AT-MDL-012341268	Email to Aparna Pappu to Jonathan Bellack et al.	Confidential
PTX0437	12/14/2016 2:10	GOOG-TEX-00169845	GOOG-TEX-00169846	Email from Eisar Lipkovitz to Aparna Pappu	Highly Confidential
PTX0438	12/15/2016 22:32	GOOG-TEX-00000478	GOOG-TEX-00000482	Email from Jerome Grateau to Jim Giles et al.	Highly Confidential
PTX0439	12/21/2016 21:24	GOOG-DOJ-15363218	GOOG-DOJ-15363227	Email from Laura Goldstein to Scott Spencer et al., with attachments	Highly Confidential
PTX0440	10/5/2015 15:17	GOOG-DOJ-14145686	GOOG-DOJ-14145687	Message generated by docs.google.com containing comments to document	Highly Confidential
PTX0441	1/3/2017 14:00	GOOG-TEX-00058737	GOOG-TEX-00058738	Email from Pooja Kapoor to Amy Murray et al.	Highly Confidential
PTX0442	1/3/2017 22:41	GOOG-TEX-00121203	GOOG-TEX-00121215	Email from Jonathan Bellack to Danielle Romain et al.	Highly Confidential
PTX0443	1/4/2017 16:42	GOOG-DOJ-03236008	GOOG-DOJ-03236009	Email from Eisar Lipkovitz to Jonathan Bellack et al.	Highly Confidential
PTX0444	1/4/2017 22:59	GOOG-TEX-00000646	GOOG-TEX-00000654	Email from Chris LaSala to Gargi Sur, et al.	Highly Confidential
PTX0445	1/5/2017 12:49	GOOG-DOJ-11771801	GOOG-DOJ-11771821	Google presentation	Highly Confidential

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0446	1/6/2017 17:02	GOOG-DOJ-04575238	GOOG-DOJ-04575240	Email from Sissie Hsiao to John Dukellis et al.	Highly Confidential
PTX0447	1/10/2017 1:08	GOOG-TEX-00048384	GOOG-TEX-00048391	Email from Vamsee Jasti to Jonathan Bellack et al.	Highly Confidential
PTX0448	1/11/2017 3:49	GOOG-DOJ-09469633	GOOG-DOJ-09469636	Email from Katharina Familia Almonte to Chris LaSala et al.	Highly Confidential
PTX0449	1/11/2017 16:22	GOOG-TEX-00033596	GOOG-TEX-00033602	Email from Michael Kleber to Aparna Pappu et al.	Highly Confidential
PTX0450	1/11/2017 18:42	GOOG-DOJ-27759161	GOOG-DOJ-27759164	Google document	Confidential
PTX0451	1/13/2017 14:35	GOOG-DOJ-10635818	GOOG-DOJ-10635826	Email from Aparna Pappu to Jonathan Bellack et al., with attachment	Highly Confidential
PTX0452	1/19/2017 23:15	GOOG-TEX-00104789	GOOG-TEX-00104809	Google presentation	Highly Confidential
PTX0453	1/20/2017 0:00	GOOG-DOJ-05226188	GOOG-DOJ-05226193	Email from Jonathan Bellack to Philip Wiser et al., with attachment	Highly Confidential
PTX0454	1/25/2017 14:55	GOOG-DOJ-11357550	GOOG-DOJ-11357558	Google presentation	Highly Confidential
PTX0455	1/25/2017 16:44	GOOG-DOJ-14735657	GOOG-DOJ-14735658	Email from Nitish Korula to Bryan Rowley et al.	Highly Confidential
PTX0456	1/27/2017 22:02	GOOG-DOJ-14396628	GOOG-DOJ-14396630	Email from Aparna Pappu to Becky Saag et al.	Highly Confidential
PTX0457	1/30/2017 0:00	GOOG-DOJ-06852416	GOOG-DOJ-06852417	Email from Jonathan Bellack to Chris LaSala et al.	Highly Confidential
PTX0458	1/30/2017 15:54	GOOG-DOJ-15364209	GOOG-DOJ-15364210	Email from Jonathan Bellack to Aparna Pappu et al.	Highly Confidential
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PTX0461	2/1/2017 2:39	GOOG-DOJ-09470144	GOOG-DOJ-09470148	Email from Jonathan Bellack to Aparna Pappu et al.	Highly Confidential
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PTX0468	2/14/2017 7:42	GOOG-DOJ-15020550	GOOG-DOJ-15020554	Email from Naoto Akiyama to Shoho Kozawa et al.	Highly Confidential
PTX0469	2/14/2017 17:32	GOOG-DOJ-04425512	GOOG-DOJ-04425514	Email from Jerome Grateau to Chris LaSala, et al.	Highly Confidential
PTX0470	2/14/2017 23:31	GOOG-TEX-00080291	GOOG-TEX-00080294	Email from Liz Toth to CR-NetworksWest <cr-networkswest@google.com> et al.	Highly Confidential
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PTX0485	3/23/2017 14:22	GOOG-DOJ-28420330	GOOG-DOJ-28420340	Google document	Confidential
PTX0486	3/23/2017 22:13	GOOG-AT-MDL-004039971	GOOG-AT-MDL-004039971	Google spreadsheet	Highly Confidential
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PTX0488	3/24/2017 19:01	GOOG-AT-MDL-009560186	GOOG-AT-MDL-009560189	Email from Jonathan Bellack to Chris LaSala et al.	Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
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PTX0491	3/24/2017 20:40	GOOG-AT-MDL-009560198	GOOG-AT-MDL-009560201	Email from Jonathan Bellack to Gargi Sur et al.	Confidential
PTX0492	3/24/2017 20:51	GOOG-AT-MDL-009560202	GOOG-AT-MDL-009560205	Email from Gargi Sur to Jonathan Bellack et al.	Confidential
PTX0493	3/24/2017 20:54	GOOG-AT-MDL-009560206	GOOG-AT-MDL-009560209	Email from Jonathan Bellack to Gargi Sur et al.	Confidential
PTX0494	3/24/2017 20:56	GOOG-AT-MDL-009560210	GOOG-AT-MDL-009560214	Email from Suzanne Blackburn to Gargi Sur et al.	Confidential
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PTX0501	3/30/2017 18:03	GOOG-DOJ-31847985	GOOG-DOJ-31847985	Email from Serge Grossman to Donald Harrison	Confidential
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PTX0528	6/14/2017 15:33	GOOG-TEX-00966448	GOOG-TEX-00966449	Google document	Highly Confidential
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PTX0531	7/7/2017 0:00	GOOG-AT-MDL-001935192	GOOG-AT-MDL-001935213	Email from Marco Borla to Dominic Tang et al., with attachment	Confidential

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PTX0532	7/7/2017 16:08	GOOG-DOJ-AT-02645038	GOOG-DOJ-AT-02645058	Email from Marco Borla to Phillip Schindler, et al., with attachment	Highly Confidential
PTX0533	7/7/2017 16:20	GOOG-AT-MDL-001935214	GOOG-AT-MDL-001935235	Email from Marco Borla to Dominic Tang, et al., with attachment	Confidential
PTX0534	7/21/2017 1:05	GOOG-TEX-00453305	GOOG-TEX-00453310	Email from Jim Giles to Eisar Lipkovitz et al.	Highly Confidential
PTX0535	7/21/2017 22:29	GOOG-TEX-00122334	GOOG-TEX-00122334	Email from Jonathan Bellack to Sagnik Nandy et al.	Highly Confidential
PTX0536	7/22/2017 15:03	GOOG-DOJ-05270358	GOOG-DOJ-05270400	Google presentation	Confidential
PTX0537	7/24/2017 8:20	GOOG-DOJ-13561674	GOOG-DOJ-13561674	Email from Ali Nasiri Amini to Nirmal Jayaram et al.	Highly Confidential
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PTX0539	8/9/2017 14:41	GOOG-DOJ-29625549	GOOG-DOJ-29625553	Email from Nitish Korula to Philippe Fauconnier-Bank et al.	Confidential
PTX0540	8/10/2017 20:44	GOOG-DOJ-15370015	GOOG-DOJ-15370018	Email from Rahul Srinivasan to Josh Cohen et al.	Highly Confidential
PTX0541	8/11/2017 15:12	GOOG-DOJ-14162326	GOOG-DOJ-14162328	Email from Rita Ren to Martin Pál et al.	Highly Confidential
PTX0542	8/11/2017 16:52	GOOG-DOJ-14162335	GOOG-DOJ-14162338	Email from Jim Giles to Nitish Korula et al.	Highly Confidential
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PTX0570	12/14/2017 16:48	GOOG-TEX-00084860	GOOG-TEX-00084862	Email from Nitish Korula to Glenn Berntson et al.	Highly Confidential

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PTX0578	1/9/2018 19:33	GOOG-DOJ-12760399	GOOG-DOJ-12760408	Google document	Confidential
PTX0579	1/16/2018 10:27	GOOG-DOJ-03238507	GOOG-DOJ-03238525	Google presentation	Highly Confidential
PTX0580	2/5/2018 20:20	FBDOJ003260795	FBDOJ003260822	Email from Brian Boland to Dan Rose et al., with attachments	Confidential
PTX0581	2/28/2018 18:07	FBDOJGOOG_00028977	FBDOJGOOG_00028993	Email from Priti Youssef Choksi to Brian Boland et al., with attachment	Confidential
PTX0582	3/2/2018 1:34	GOOG-AT-MDL-019427179	GOOG-AT-MDL-019427215	Google presentation	Confidential
PTX0583	3/5/2018 20:40	GOOG-AT-MDL-007375652	GOOG-AT-MDL-007375652	Email from Martin Pal to Oliver Zee et al.	Confidential
PTX0584	3/7/2018 14:22	GOOG-AT-MDL-B-002838050	GOOG-AT-MDL-B-002838052	Email from Martin Pal to Li Grabenstein et al.	Confidential
PTX0585	3/14/2018 22:13	GOOG-DOJ-09876316	GOOG-DOJ-09876329	Google presentation	Highly Confidential
PTX0586	3/16/2018 16:59	GOOG-DOJ-03896573	GOOG-DOJ-03896575	Email from Jonathan Bellack to Brad Bender	Highly Confidential
PTX0587	3/16/2018 18:05	GOOG-DOJ-05276794	GOOG-DOJ-05276796	Email from Payam Shodjai to Brad Bender	Highly Confidential
PTX0588	3/16/2018 18:20	GOOG-DOJ-09429821	GOOG-DOJ-09429824	Email from Nirmal Jayaram to Tobias Maurer et al.	Highly Confidential
PTX0589	3/16/2018 18:43	GOOG-DOJ-09429825	GOOG-DOJ-09429828	Email from Tobias Maurer to Nirmal Jayaram et al.	Highly Confidential
PTX0590	3/23/2018 17:48	GOOG-TEX-00090751	GOOG-TEX-00090752	Email from Chris LaSala to Jonathan Bellack et al.	Highly Confidential
PTX0591	3/26/2018 13:59	GOOG-DOJ-03913653	GOOG-DOJ-03913752	Google presentation	Highly Confidential
PTX0592	4/6/2018 20:52	GOOG-AT-MDL-B-001276241	GOOG-AT-MDL-B-001276268	Email from Marco Borla to Phillip Schindler, et al., with attachment	Confidential
PTX0593	4/6/2018 22:02	GOOG-AT-MDL-000965391	GOOG-AT-MDL-000965418	Email from Marco Borla to Dominic Tang, et al., with attachment	Confidential
PTX0594	4/12/2018 2:10	GOOG-DOJ-05548306	GOOG-DOJ-05548307	Email from Eisar Lipkovitz to Carlos Kirjner et al.	Highly Confidential
PTX0595	4/12/2018 15:52	GOOG-DOJ-04725043	GOOG-DOJ-04725046	Email from Eisar Lipkovitz to Johnathan Bellack et al.	Highly Confidential
PTX0596	4/13/2018 0:35	GOOG-AT-MDL-014262058	GOOG-AT-MDL-014262058	Email from Johnathan Bellack to Payan Shodjai	Confidential
PTX0597	4/16/2018 16:01	GOOG-DOJ-13587578	GOOG-DOJ-13587590	Google document	Highly Confidential
PTX0598	4/23/2019 14:24	GOOG-DOJ-04720129	GOOG-DOJ-04720132	Google document	Highly Confidential
PTX0599	4/19/2018 20:49	GOOG-DOJ-10267305	GOOG-DOJ-10267307	Email from Nirmal Jayaram to Tobias Maurer et al.	Highly Confidential
PTX0600	5/1/2018 0:30	GOOG-DOJ-07275375	GOOG-DOJ-07275518	Google document	Confidential
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PTX0602	5/7/2018 14:07	GOOG-DOJ-06871934	GOOG-DOJ-06871943	Google document	Highly Confidential
PTX0603	5/9/2018 22:09	GOOG-DOJ-12581761	GOOG-DOJ-12581762	Email from Eisar Lipkovitz to Aparna Pappu et al.	Highly Confidential
PTX0604	5/10/2018 20:25	GOOG-DOJ-03070314	GOOG-DOJ-03070320	Google presentation	Highly Confidential
PTX0605	5/10/2018 21:28	GOOG-DOJ-05277697	GOOG-DOJ-05277703	Email from Jonathan Bellack to Aparna Pappu et al.	Highly Confidential
PTX0606	5/22/2018 14:53	GOOG-DOJ-13472672	GOOG-DOJ-13472673	Email from Sam Cox to Rob Hazan	Highly Confidential
PTX0607	5/22/2018 21:22	GOOG-DOJ-12761045	GOOG-DOJ-12761058	Google presentation	Highly Confidential
PTX0608	5/29/2018 14:49	GOOG-DOJ-03239780	GOOG-DOJ-03239798	Google presentation	Highly Confidential
PTX0609	5/31/2018 13:58	GOOG-DOJ-13473146	GOOG-DOJ-13473147	Email from Martin Pal to Nitish Korula et al.	Highly Confidential
PTX0610	6/1/2018 17:55	GOOG-DOJ-32566958	GOOG-DOJ-32566958	Email from Rahul Pralivasan to Nitish Korula et al.	Confidential
PTX0611	6/11/2018 21:06	GOOG-TEX-00124787	GOOG-TEX-00124807	Google presentation	Highly Confidential

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0612	6/14/2018 15:09	GOOG-DOJ-11781035	GOOG-DOJ-11781035	Message from Aparna Pappu to Chris LaSala et al.	Highly Confidential
PTX0613	6/19/2018 18:17	GOOG-DOJ-11781099	GOOG-DOJ-11781103	Email from Gabe Kronstadt to Chris LaSala et al., with attachment	Highly Confidential
PTX0614	6/19/2018 15:18	GOOG-DOJ-11347848	GOOG-DOJ-11347848	Email from David Goodman to Payam Shodjai et al.	Highly Confidential
PTX0615	6/20/2018 12:50	GOOG-DOJ-32327167	GOOG-DOJ-32327167	Message from Chris LaSala to Sissie Hsiao et al.	Confidential
PTX0616	6/20/2018 15:24	GOOG-DOJ-13975976	GOOG-DOJ-13975978	Email from Nirmal Jayaram to Jim Giles et al.	Highly Confidential
PTX0617	6/20/2018 16:30	GOOG-DOJ-07829351	GOOG-DOJ-07829351	Message from Kenny Kaiser to Brad Bender et al.	Highly Confidential
PTX0618	6/20/2018 17:59	GOOG-DOJ-32034896	GOOG-DOJ-32034898	Email from Aparna Pappu to Noam Wolf et al.	Confidential
PTX0619	6/21/2018 17:50	GOOG-DOJ-12947505	GOOG-DOJ-12947508	Email from Max Lin to Tim Lipus et al.	Highly Confidential
PTX0620	6/21/2018 17:50	GOOG-TEX-00096393	GOOG-TEX-00096397	Email from Max Lin to Tim Lipus et al.	Highly Confidential
PTX0621	6/21/2018 22:17	GOOG-DOJ-09704427	GOOG-DOJ-09704428	Message from Rahul Srinivasan to Sissie Hsiao et al.	Highly Confidential
PTX0622	6/21/2018 22:12	GOOG-DOJ-07829362	GOOG-DOJ-07829363	Message from Rahul Srinivasan to Brad Bender et al.	Highly Confidential
PTX0623	6/25/2018 12:08	GOOG-AT-MDL-008952713	GOOG-AT-MDL-008952715	Message from Jim Giles to Rahul Srinivasan et al.	Confidential
PTX0624	6/27/2018 4:42	GOOG-DOJ-27767168	GOOG-DOJ-27767171	Email from Chris LaSala to Carlos Kirjner	Confidential
PTX0625	7/6/2018 1:45	GOOG-DOJ-07829410	GOOG-DOJ-07829411	Message from Jonathan Bellack to Brad Bender et al.	Highly Confidential
PTX0626	7/9/2018 19:28	GOOG-DOJ-14426577	GOOG-DOJ-14426581	Google document	Highly Confidential
PTX0627	7/9/2018 20:12	GOOG-TEX-00905784	GOOG-TEX-00905796	Email from Martin Pal to Roshan Khan et al.	Highly Confidential
PTX0628	7/10/2018 15:58	GOOG-DOJ-13414967	GOOG-DOJ-13414969	Email from David Goodman to Jonathan Bellack	Highly Confidential
PTX0629	7/11/2018 19:25	GOOG-DOJ-13415080	GOOG-DOJ-13415080	Email from Max Lin to Jonathan Bellack et al.	Highly Confidential
PTX0630	7/11/2018 19:39	GOOG-DOJ-13415081	GOOG-DOJ-13415081	Email from Jonathan Bellack to Max Lin et al.	Highly Confidential
PTX0631	7/12/2018 19:15	GOOG-DOJ-07829417	GOOG-DOJ-07829423	Email from Michael Hopkins to Leah Caldarene et al.	Highly Confidential
PTX0632	7/13/2018 1:13	GOOG-DOJ-15115878	GOOG-DOJ-15115881	Email from Eisar Lipkovitz to Carlos Kirjner et al.	Highly Confidential
PTX0633	7/13/2018 19:51	GOOG-DOJ-10733927	GOOG-DOJ-10733963	Google presentation	Highly Confidential
PTX0634	7/16/2018 13:44	GOOG-DOJ-09159964	GOOG-DOJ-09159987	Google presentation	Highly Confidential
PTX0635	7/19/2018 22:34	GOOG-DOJ-07276976	GOOG-DOJ-07276980	Google document	Highly Confidential
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PTX0637	7/31/2018 3:40	GOOG-DOJ-10957237	GOOG-DOJ-10957239	Message from Sagnik Nandy to Chris LaSala et al.	Highly Confidential
PTX0638	8/3/2018 19:03	GOOG-DOJ-03998505	GOOG-DOJ-03998508-008	Google document	Confidential
PTX0639	8/6/2018 11:37	GOOG-DOJ-11781965	GOOG-DOJ-11781965	Message from Jim Giles to Chris LaSala et al.	Highly Confidential
PTX0640	8/7/2018 16:19	GOOG-DOJ-07799709	GOOG-DOJ-07799711	Email from Bonita Stewart to Chris LaSala et al.	Highly Confidential
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PTX0644	8/14/2018 23:13	GOOG-DOJ-04004237	GOOG-DOJ-04004239	Email from Chris LaSala to Donald Harrison	Highly Confidential
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PTX0647	8/30/2018 0:00	GOOG-DOJ-13597316	GOOG-DOJ-13597322	Email from Ajay Bangla to Tobias Maurer et al.	Highly Confidential
PTX0648	8/30/2018 1:51	GOOG-AT-MDL-B-003167073	GOOG-AT-MDL-B-003167091	Google document	Confidential
PTX0649	9/4/2018 19:24	GOOG-AT-MDL-009452636	GOOG-AT-MDL-009452636	Message from Bhanu Narasimhan to Courtney Kuhl et al.	Confidential
PTX0650	9/4/2018 19:24	GOOG-AT-MDL-010351820	GOOG-AT-MDL-010351820	Message from Bhanu Narasimhan to Courtney Rose et al.	Confidential
PTX0651	9/4/2018 19:24	GOOG-AT-MDL-011596533	GOOG-AT-MDL-011596533	Message from Bhanu Narasimhan to Courtney Rose et al.	Confidential
PTX0652	9/6/2018 22:44	GOOG-DOJ-15126801	GOOG-DOJ-15126801	Email from Fabrizio Angelini to Rahul Srinivasan et al.	Highly Confidential
PTX0653	9/7/2018 22:01	GOOG-DOJ-10957587	GOOG-DOJ-10957588	Email from Chris LaSala to Rahul Srinivasan et al.	Highly Confidential
PTX0654	9/9/2018 0:42	GOOG-DOJ-13598644	GOOG-DOJ-13598645	Email from launch@google.com to Google employees	Highly Confidential
PTX0655	9/19/2018 1:47	GOOG-DOJ-10669120	GOOG-DOJ-10669122	Email from Donald Harrison to Phillip Schindler	Highly Confidential
PTX0656	9/10/2018 15:06	GOOG-DOJ-04004392	GOOG-DOJ-04004402	Google document	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0657	9/11/2018 13:48	GOOG-DOJ-04442323	GOOG-DOJ-04442372	Google presentation	Highly Confidential
PTX0658	9/12/2018 14:47	GOOG-DOJ-11864107	GOOG-DOJ-11864110	Email from Payam Shodjai to Vlad Sinaniyev et al.	Highly Confidential
PTX0659	9/12/2018 19:36	GOOG-DOJ-15151724	GOOG-DOJ-15151728	Google document	Highly Confidential
PTX0660	9/13/2018 14:20	GOOG-AT-MDL-008961022	GOOG-AT-MDL-008961024	Email from Rahul Srinivasan to Nitish Korula	Confidential
PTX0661	9/13/2018 21:07	GOOG-DOJ-09441506	GOOG-DOJ-09441507	Email from Chris LaSala to Philipp Schindler et al.	Highly Confidential
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PTX0668	10/4/2018 18:32	GOOG-DOJ-05282625	GOOG-DOJ-05282671	Google presentation	Highly Confidential
PTX0669	10/5/2018 21:35	GOOG-DOJ-AT-02645132	GOOG-DOJ-AT-02645158	Email from Marco Borla to Phillipp Schindler, et al., with attachments	Highly Confidential
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PTX0671	10/5/2018 22:41	GOOG-DOJ-04451151	GOOG-DOJ-04451199	Email from Carlos Kirjner to Prabhakar Raghavan, with attachment	Highly Confidential
PTX0672	10/11/2018 0:28	GOOG-DOJ-13218256	GOOG-DOJ-13218266	Google document	Highly Confidential
PTX0673	10/11/2018 21:31	GOOG-DOJ-12038222	GOOG-DOJ-12038222	Google spreadsheet	Highly Confidential
PTX0674	10/19/2018 21:17	GOOG-TEX-00107590	GOOG-TEX-00107594	Email from Chris LaSala to Keith Weisberg et al.	Highly Confidential
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PTX0677	10/25/2018 0:42	GOOG-DOJ-AT-00587215	GOOG-DOJ-AT-00587216	Email from Jay Glogovsky to Balasubramanian Sivan et al.	Highly Confidential
PTX0678	10/27/2018 1:28	GOOG-DOJ-05282937	GOOG-DOJ-05282948	Google document	Highly Confidential
PTX0679	11/5/2018 23:08	GOOG-DOJ-05283173	GOOG-DOJ-05283188	Google presentation	Highly Confidential
PTX0680	11/15/2018 17:03	GOOG-DOJ-AT-00849033	GOOG-DOJ-AT-00849034	Email from Sissie Hsiao to P. Shodjai	Highly Confidential
PTX0681	11/28/2018 0:00	GOOG-DOJ-15225079	GOOG-DOJ-15225081	Email from Jim Giles to Florie Arlegui et al.	Confidential
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PTX0683	12/5/2018 15:40	GOOG-DOJ-15127287	GOOG-DOJ-15127289	Email from Michael Hopkins to Florie Arlegui et al.	Confidential
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PTX0696	1/3/2019 23:04	GOOG-DOJ-AT-00566835	GOOG-DOJ-AT-00566857	Google document	Highly Confidential
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PTX0698	1/4/2019 13:40	GOOG-DOJ-13604021	GOOG-DOJ-13604023	Email from Sam Temes to Rahul Srinivasan et al.	Highly Confidential
PTX0699	1/4/2019 16:12	GOOG-DOJ-AT-01680260	GOOG-DOJ-AT-01680265	Email from Nitish Korula to Dan Taylor et al.	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0700	1/4/2019 21:40	GOOG-DOJ-12966821	GOOG-DOJ-12966826	Email from Chris LaSala to Nitish Korula et al.	Highly Confidential
PTX0701	1/4/2019 21:48	GOOG-DOJ-AT-00060011	GOOG-DOJ-AT-00060017	Google presentation	Highly Confidential
PTX0702	1/5/2019 20:59	GOOG-DOJ-AT-00566912	GOOG-DOJ-AT-00566913	Email from Nitish Korula to Ali Nasiri Amini et al.	Highly Confidential
PTX0703	1/7/2019 15:13	GOOG-DOJ-AT-01680301	GOOG-DOJ-AT-01680308	Email from Rahul Srinivasan to Jessica Staples et al.	Highly Confidential
PTX0704	1/7/2019 22:24	GOOG-DOJ-13604421	GOOG-DOJ-13604425	Message from Rahul Srinivasan to Nitish Korula et al.	Highly Confidential
PTX0705	1/9/2019 4:46	GOOG-DOJ-AT-02640072	GOOG-DOJ-AT-02640105	Google presentation	Highly Confidential
PTX0706	1/9/2019 18:35	GOOG-DOJ-AT-01017066	GOOG-DOJ-AT-01017068	Email from Nitish Korula to Bahman Rabii et al.	Highly Confidential
PTX0707	1/10/2019 17:35	GOOG-DOJ-AT-00810221	GOOG-DOJ-AT-00810221	Message from Bryan Rowley to Scott Scheffer	Highly Confidential
PTX0708	1/10/2019 20:27	GOOG-AT-MDL-B-000825369	GOOG-AT-MDL-B-000825395	Email from Marco Borla to Phillipp Schindler, with attachment	Highly Confidential
PTX0709	1/10/2019 21:04	GOOG-DOJ-03651918	GOOG-DOJ-03651943	Email from Marco Borla to Prabhakar Raghavan, et al., with attachment	Highly Confidential
PTX0710	1/10/2019 21:04	GOOG-AT-MDL-B-000223532	GOOG-AT-MDL-B-000223558	Email from Marco Borla to Prabhakar Raghavan, et al., with attachment	Highly Confidential
PTX0711	1/4/2019 0:13	GOOG-DOJ-AT-00066735	GOOG-DOJ-AT-00066739	Email from Nirmal Jayaram to Ehsan Maani et al.	Highly Confidential
PTX0712	1/14/2019 0:39	GOOG-DOJ-28501644	GOOG-DOJ-28501652	Google document	Confidential
PTX0713	1/14/2019 18:34	GOOG-DOJ-AT-02642666	GOOG-DOJ-AT-02642691	Email from Marco Borla to Seema Pandya et al., with attachment	Highly Confidential
PTX0714	1/15/2019 20:01	GOOG-AT-MDL-007031286	GOOG-AT-MDL-007031286	Email from Sandra Robles to Nithya Sowrirajan et al.	Highly Confidential
PTX0715	1/16/2019 19:00	GOOG-DOJ-AT-01019429	GOOG-DOJ-AT-01019429-009	Email from Tobias Maurer to Chris LaSala et al.	Highly Confidential
PTX0716	1/17/2019 2:35	GOOG-DOJ-03901693	GOOG-DOJ-03901713	Google presentation	Highly Confidential
PTX0717	1/17/2019 14:30	GOOG-DOJ-AT-00567159	GOOG-DOJ-AT-00567161	Email from Nitish Korula to Albert Chen et al.	Highly Confidential
PTX0718	1/24/2019 21:46	GOOG-DOJ-AT-02113022	GOOG-DOJ-AT-02113022-009	Email from David Goodman to Kenny Kaiser	Highly Confidential
PTX0719	1/29/2019 15:52	GOOG-DOJ-AT-01019463	GOOG-DOJ-AT-01019468	Email from Chris LaSala to Noam Wolf	Highly Confidential
PTX0720	2/4/2019 21:10	GOOG-DOJ-14035958	GOOG-DOJ-14035962	Email from Kaleigh Rosenblat to David Goodman et al.	Highly Confidential
PTX0721	2/6/2019 0:00	GOOG-DOJ-13607150	GOOG-DOJ-13607152	Email from Ali Nasiri Amini to Meihui Xie et al.	Highly Confidential
PTX0722	2/6/2019 0:01	GOOG-DOJ-AT-00567481	GOOG-DOJ-AT-00567481	Email from Ehsan Maani to Nirmal Jayaram	Highly Confidential
PTX0723	2/6/2019 22:50	GOOG-AT-MDL-001422325	GOOG-AT-MDL-001422327	Email from Yumin Guo to Ayodele Marcus et al.	Confidential
PTX0724	2/7/2019 12:09	GOOG-DOJ-07957145	GOOG-DOJ-07957200	Google presentation	Highly Confidential
PTX0725	2/8/2019 0:14	GOOG-DOJ-11723465	GOOG-DOJ-11723471	Google document	Highly Confidential
PTX0726	2/8/2019 19:56	GOOG-DOJ-07285943	GOOG-DOJ-07285967	Google presentation	Highly Confidential
PTX0727	2/11/2019 21:17	GOOG-DOJ-09167513	GOOG-DOJ-09167521	Google presentation	Highly Confidential
PTX0728	2/12/2019 14:56	GOOG-DOJ-AT-02136565	GOOG-DOJ-AT-02136569	Google presentation	Highly Confidential
PTX0729	2/13/2019 22:31	GOOG-TEX-01267302	GOOG-TEX-01267358	Google presentation	Highly Confidential
PTX0730	2/15/2019 0:00	GOOG-DOJ-13607854	GOOG-DOJ-13607856	Email from Roshan Khan to Nick Danziger et al.	Highly Confidential
PTX0731	2/20/2019 0:20	GOOG-DOJ-AT-01077833	GOOG-DOJ-AT-01077843	Google presentation	Confidential
PTX0732	2/20/2019 18:44	GOOG-DOJ-12114691	GOOG-DOJ-12114695	Google presentation	Highly Confidential
PTX0733	2/26/2019 6:29	GOOG-DOJ-AT-00568035	GOOG-DOJ-AT-00568036	Google presentation	Highly Confidential
PTX0734	3/1/2019 14:53	GOOG-DOJ-12857594	GOOG-DOJ-12857598	Email from Ali Amini to Sam Temes et al.	Highly Confidential
PTX0735	3/3/2019 18:44	GOOG-DOJ-15772410	GOOG-DOJ-15772411	Google document	Highly Confidential
PTX0736	3/4/2019 1:20	GOOG-TEX-00108186	GOOG-TEX-00108193	Email from Chris LaSala to Fabrizio Angelini et al.	Highly Confidential
PTX0737	3/4/2019 5:10	GOOG-DOJ-AT-00568160	GOOG-DOJ-AT-00568160	Email from Ali Nasiri Amini to Nirmal Jayaram	Highly Confidential
PTX0738	3/6/2019 23:04	GOOG-DOJ-07833398	GOOG-DOJ-07833399	Google document	Highly Confidential
PTX0739	3/8/2019 21:20	GOOG-DOJ-AT-00008410	GOOG-DOJ-AT-00008413	Email from Bipin Khurana to Chris LaSala et al., with attachment	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
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PTX0741	3/13/2019 17:17	GOOG-DOJ-10924270	GOOG-DOJ-10924338	Google presentation	Highly Confidential
PTX0742	3/14/2019 17:02	GOOG-DOJ-05508770	GOOG-DOJ-05508775	Email from Roshan Khan to Payam Shodjai et al.	Highly Confidential
PTX0743	3/19/2019 22:18	GOOG-DOJ-AT-00221276	GOOG-DOJ-AT-00221352	Google presentation	Highly Confidential
PTX0744	3/24/2019 23:27	GOOG-DOJ-13610347	GOOG-DOJ-13610353	Google document	Highly Confidential
PTX0745	4/8/2019 16:27	GOOG-AT-MDL-001412688	GOOG-AT-MDL-001412688	Email from Tim Lipus to Ali Nasiri Amini et al.	Confidential
PTX0746	4/9/2019 7:07	GOOG-DOJ-10806862	GOOG-DOJ-10806871	Google document	Highly Confidential
PTX0747	4/9/2019 16:38	GOOG-AT-MDL-B-000223562	GOOG-AT-MDL-B-000223587	Email from Marco Borla to Phillip Schindler, et al., with attachment	Confidential
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PTX0749	4/17/2019 21:33	GOOG-DOJ-11872257	GOOG-DOJ-11872265	Google document	Highly Confidential
PTX0750	4/19/2019 15:15	GOOG-AT-MDL-007040481	GOOG-AT-MDL-007040484	Email from Ali Nasiri Amini to Nirmal Jayaram, with attachment	Confidential
PTX0751	4/19/2019 16:59	GOOG-DOJ-11692120	GOOG-DOJ-11692124	Google document	Highly Confidential
PTX0752	4/19/2019 21:12	GOOG-AT-MDL-008106705	GOOG-AT-MDL-008106728	Google presentation	Highly Confidential
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PTX0754	4/23/2019 19:13	GOOG-DOJ-AT-02304321	GOOG-DOJ-AT-02304322	Email from Dorothée Bergin to Liz Daly et al.	Highly Confidential
PTX0755	4/23/2019 21:11	GOOG-DOJ-AT-02304329	GOOG-DOJ-AT-02304332	Email from Dorothée Bergin to Alex Bergersen et al.	Highly Confidential
PTX0756	4/24/2019 22:16	GOOG-DOJ-15226622	GOOG-DOJ-15226626	Email from George Levitte to Rahul Srinivasan	Highly Confidential
PTX0757	4/25/2019 11:36	GOOG-TEX-00101703	GOOG-TEX-00101710	Email from Noam Wolf to Rahul Srinivasan et al.	Highly Confidential
PTX0758	4/25/2019 13:32	KVL00000945	KVL00000947	Email from James Avery to Sarah Sluis	Highly Confidential
PTX0759	5/1/2019 12:09	GOOG-DOJ-15128751	GOOG-DOJ-15128753	Google document	Highly Confidential
PTX0760	5/8/2019 20:31	GOOG-DOJ-13495460	GOOG-DOJ-13495467	Email from Bryan Tracy to Rahul Srinivasan et al.	Highly Confidential
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PTX0762	5/11/2019 3:35	GOOG-DOJ-02857290	GOOG-DOJ-02857291	Email from Ali Nasiri Amini to Sagnik Nandy et al.	Highly Confidential
PTX0763	5/11/2019 3:40	GOOG-DOJ-10664165	GOOG-DOJ-10664166	Email from Ali Nasiri Amini to Payam Shodjai	Highly Confidential
PTX0764	5/13/2019 2:45	GOOG-DOJ-03637251	GOOG-DOJ-03637264	Google document	Highly Confidential
PTX0765	5/13/2019 17:32	GOOG-DOJ-14026935	GOOG-DOJ-14026936	Email from Rahul Srinivasan to George Levitte	Highly Confidential
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PTX0768	5/16/2019 0:00	GOOG-AT-MDL-004151779	GOOG-AT-MDL-004151792	Email from Rahul Srinivasan to Adam Juda, with attachment	Confidential
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PTX0770	5/20/2019 21:44	GOOG-DOJ-13495995	GOOG-DOJ-13496000	Email from Sylvia Ho to Google employees	Highly Confidential
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PTX0779	6/5/2019 23:50	GOOG-TEX-00856177	GOOG-TEX-00856179	Email from Chris Dawson to Nitish Korula	Highly Confidential
PTX0780	6/6/2019 12:42	GOOG-TEX-00036588	GOOG-TEX-00036590	Email from Cheryl Cahoy to Chris LaSala et al.	Highly Confidential
PTX0781	6/6/2019 18:58	GOOG-DOJ-AT-00752651	GOOG-DOJ-AT-00752653	Email from Sam Temes to Mimi Do Forsythe	Highly Confidential
PTX0782	6/6/2019 21:03	GOOG-DOJ-03242474	GOOG-DOJ-03242499	Google presentation	Highly Confidential
PTX0783	6/7/2019 22:47	GOOG-AT-MDL-001412832	GOOG-AT-MDL-001412834	Google document	Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
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PTX0785	6/12/2019 21:15	GOOG-DOJ-AT-00570464	GOOG-DOJ-AT-00570484	Google presentation	Highly Confidential
PTX0786	6/13/2019 18:27	GOOG-DOJ-06881716	GOOG-DOJ-06881720	Google document	Highly Confidential
PTX0787	6/13/2019 18:27	GOOG-AT-MDL-003798827	GOOG-AT-MDL-003798827	Email from Sam Cox (via Google Docs) to Google employee	Confidential
PTX0788	6/13/2019 19:29	GOOG-AT-MDL-008312255	GOOG-AT-MDL-008312258	Google document	Confidential
PTX0789	6/17/2019 20:18	GOOG-DOJ-11217440	GOOG-DOJ-11217465	Google document	Highly Confidential
PTX0790	6/21/2019 3:26	GOOG-DOJ-15778327	GOOG-DOJ-15778335	Google document	Highly Confidential
PTX0791	6/25/2019 0:31	GOOG-DOJ-13615208	GOOG-DOJ-13615243	Google presentation	Highly Confidential
PTX0792	6/25/2019 15:42	GOOG-DOJ-03242646	GOOG-DOJ-03242702	Google presentation	Highly Confidential
PTX0793	6/26/2019 13:48	GOOG-DOJ-11362042	GOOG-DOJ-11362049	Google document	Highly Confidential
PTX0794	6/26/2019 13:52	GOOG-DOJ-02857734	GOOG-DOJ-02857805	Google presentation	Highly Confidential
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PTX0796	7/3/2019 12:06	GOOG-DOJ-AT-01901774	GOOG-DOJ-AT-01901780	Google document	Highly Confidential
PTX0797	7/5/2019 9:29	GOOG-DOJ-AT-00060165	GOOG-DOJ-AT-00060169	Google document	Highly Confidential
PTX0798	7/10/2019 22:55	GOOG-DOJ-03637904	GOOG-DOJ-03637904	Google document	Highly Confidential
PTX0799	7/11/2019 0:00	GOOG-DOJ-09876839	GOOG-DOJ-09876842	Email from Alex Bergersen to Rahul Srinivasan et al.	Highly Confidential
PTX0800	7/12/2019 0:00	GOOG-DOJ-10924738	GOOG-DOJ-10924742	Email from Bonita Stewart to Alex Bergersen et al.	Highly Confidential
PTX0801	7/12/2019 2:40	GOOG-DOJ-02857887	GOOG-DOJ-02857891	Email from Nitish Korula to Sagnik Nandy et al.	Highly Confidential
PTX0802	7/15/2019 19:15	GOOG-AT-MDL-B-000223608	GOOG-AT-MDL-B-000223634	Email from Dominic Tang to Phillipp Schindler et al., with attachment	Highly Confidential
PTX0803	7/22/2019 10:19	COM-CID-00049151	COM-CID-00049152	Email from Cameron Miille to James Rooke	Confidential
PTX0804	7/22/2019 22:32	GOOG-DOJ-09024203	GOOG-DOJ-09024205	Email from Jenni Stein to J. Dischler	Highly Confidential
PTX0805	7/25/2019 20:16	GOOG-TEX-00109645	GOOG-TEX-00109669	Google document	Highly Confidential
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PTX0815	8/8/2019 0:19	GOOG-DOJ-AT-01130391	GOOG-DOJ-AT-01130391	Google document	Highly Confidential
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PTX0817	8/13/2019 0:00	GOOG-DOJ-13499783	GOOG-DOJ-13499791	Email from Haskell Garon to Rahul Srinivasan et al., with attachment	Highly Confidential
PTX0818	8/13/2019 10:53	GOOG-DOJ-AT-00571933	GOOG-DOJ-AT-00571935	Message generated by Nitish Korula (Google Docs) containing comments to document	Highly Confidential
PTX0819	8/13/2019 18:43	GOOG-DOJ-09713317	GOOG-DOJ-09713323	Email from Rahul Srinivasan to Brad Bender et al.	Highly Confidential
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PTX0823	8/16/2019 18:58	GOOG-AT-MDL-014303955	GOOG-AT-MDL-014303965	Email from Rita Ren to Giulio Minguzzi et al., with attachments	Confidential
PTX0824	8/22/2019 15:15	GOOG-DOJ-AT-02274997	GOOG-DOJ-AT-02275007	Google document	Highly Confidential
PTX0825	8/22/2019 15:17	GOOG-DOJ-04600784	GOOG-DOJ-04600791	Google document	Highly Confidential

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PTX0827	8/27/2019 11:46	GOOG-DOJ-04600935	GOOG-DOJ-04600956	Google presentation	Highly Confidential
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PTX0832	8/30/2019 16:51	GOOG-DOJ-AT-01130405	GOOG-DOJ-AT-01130450	Google presentation	Highly Confidential
PTX0833	8/30/2019 16:51	GOOG-AT-MDL-003674643	GOOG-AT-MDL-003674649	Message from Nirmal Jayaram to Nitish Korula	Confidential
PTX0834	9/1/2019 17:57	GOOG-DOJ-AT-00598634	GOOG-DOJ-AT-00598637	Message from Nitish Korula to Nirmal Jayaram	Highly Confidential
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PTX0836	9/3/2019 13:39	GOOG-DOJ-28486574	GOOG-DOJ-28486604	Google presentation	Confidential
PTX0837	9/3/2019 15:41	GOOG-AT-MDL-008987798	GOOG-AT-MDL-008987798	Email from Nitish Korula to Ali Amini et al.	Confidential
PTX0838	9/4/2019 20:56	GOOG-DOJ-07290146	GOOG-DOJ-07290150	Email from Nirmal Jayaram to Sissie Hsiao et al.	Highly Confidential
PTX0839	9/5/2019 20:49	GOOG-DOJ-03247924	GOOG-DOJ-03247926	Google document	Highly Confidential
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PTX0844	9/10/2019 2:39	GOOG-TEX-00036873	GOOG-TEX-00036878	Email from Chris LaSala to Nelson Hsu et al.	Highly Confidential
PTX0845	9/10/2019 10:28	GOOG-DOJ-15564937	GOOG-DOJ-15564938	Email from Nitish Korula to Rob Hazan	Highly Confidential
PTX0846	9/10/2019 22:04	GOOG-AT-MDL-001427607	GOOG-AT-MDL-001427611	Email from Ali Amini to Bonnie Pericolosi et al., with attachment	Confidential
PTX0847	9/11/2019 10:41	GOOG-DOJ-04601261	GOOG-DOJ-04601261	Google document	Highly Confidential
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PTX0851	9/16/2019 14:41	GOOG-AT-MDL-018279549	GOOG-AT-MDL-018279549	Message from Aparna Pappu containing comments to document	Highly Confidential
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PTX0857	9/26/2019 17:44	GOOG-DOJ-AT-00573492	GOOG-DOJ-AT-00573496	Google document	Highly Confidential
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PTX0863	10/2/2019 18:14	GOOG-DOJ-AT-00573670	GOOG-DOJ-AT-00573671	Google document	Highly Confidential
PTX0864	10/3/2019 13:02	GOOG-AT-MDL-007344222	GOOG-AT-MDL-007344225	Email from Chris LaSala to Jason Spero	Confidential
PTX0865	10/3/2019 16:22	GOOG-AT-MDL-001417312	GOOG-AT-MDL-001417317	Email from Kurt Sporer to Alok Sheth et al.	Confidential
PTX0866	10/3/2019 17:46	GOOG-DOJ-03641972	GOOG-DOJ-03641995	Google presentation	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
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PTX0868	10/7/2019 0:22	GOOG-DOJ-09715248	GOOG-DOJ-09715268	Google presentation	Highly Confidential
PTX0869	10/8/2019 16:21	GOOG-DOJ-32022520	GOOG-DOJ-32022527	Email from Rob Hazan to Kurt Spoerer et al.	Confidential
PTX0870	10/8/2019 19:53	GOOG-DOJ-32022536	GOOG-DOJ-32022543	Email from Alok Sheth to Alexander Belikoff et al.	Confidential
PTX0871	10/9/2019 1:46	GOOG-DOJ-32022555	GOOG-DOJ-32022563	Email from Alok Sheth to Rahul Srinivasan et al.	Confidential
PTX0872	10/9/2019 2:12	GOOG-DOJ-32022564	GOOG-DOJ-32022572	Email from Nitish Korula to Alok Sheth et al.	Confidential
PTX0873	10/9/2019 12:32	GOOG-DOJ-32022582	GOOG-DOJ-32022591	Email from Glenn Bertson to Kurt Spoerer et al.	Confidential
PTX0874	10/10/2019 20:15	GOOG-DOJ-27767851	GOOG-DOJ-27767857	Email from Aaron Kasman to Natalia Bergamaschi et al.	Confidential
PTX0875	10/11/2019 0:00	GOOG-DOJ-AT-01849832	GOOG-DOJ-AT-01849833	Email from David Goodman to Steven Shin et al.	Highly Confidential
PTX0876	10/12/2019 0:32	GOOG-DOJ-12764044	GOOG-DOJ-12764051	Google document	Highly Confidential
PTX0877	10/14/2019 21:27	GOOG-TEX-00841210	GOOG-TEX-00841212	Message from Nitish Korula to Rahul Srinivasan	Highly Confidential
PTX0878	10/16/2019 20:44	GOOG-DOJ-AT-00475378	GOOG-DOJ-AT-00475417	Google presentation	Highly Confidential
PTX0879	10/17/2019 1:13	GOOG-DOJ-AT-00832761	GOOG-DOJ-AT-00832797	Google presentation	Highly Confidential
PTX0880	10/18/2019 14:10	GOOG-DOJ-04387378	GOOG-DOJ-04387408	Google presentation	Highly Confidential
PTX0881	10/18/2019 14:10	GOOG-DOJ-AT-01811246	GOOG-DOJ-AT-01811276	Google presentation	Highly Confidential
PTX0882	10/21/2019 20:48	GOOG-DOJ-AT-00045716	GOOG-DOJ-AT-00045731	Google document	Highly Confidential
PTX0883	10/23/2019 14:40	GOOG-DOJ-AT-00292252	GOOG-DOJ-AT-00292275	Google presentation	Highly Confidential
PTX0884	10/23/2019 15:58	GOOG-AT-MDL-008991249	GOOG-AT-MDL-008991251	Email from Rahul Srinivasan to Chris Jenkins et al.	Highly Confidential
PTX0885	10/23/2019 16:34	GOOG-DOJ-AT-01132905	GOOG-DOJ-AT-01132909	Email from David Garcia to Giulio Minguzzi et al.	Highly Confidential
PTX0886	10/23/2019 16:34	GOOG-AT-MDL-008991256	GOOG-AT-MDL-008991260	Email from David Garcia to Giulio Minguzzi et al.	Highly Confidential
PTX0887	10/25/2019 19:45	GOOG-DOJ-13503400	GOOG-DOJ-13503405	Google document	Highly Confidential
PTX0888	10/29/2019 21:17	GOOG-DOJ-07294164	GOOG-DOJ-07294220	Google presentation	Highly Confidential
PTX0889	11/5/2019 18:27	GOOG-DOJ-09434884	GOOG-DOJ-09434891	Google document	Highly Confidential
PTX0890	11/7/2019 3:16	GOOG-DOJ-AT-02150100	GOOG-DOJ-AT-02150101	Google document	Highly Confidential
PTX0891	11/12/2019 20:59	GOOG-AT-MDL-B-003992377	GOOG-AT-MDL-B-003992377	Message from Nitish Korula to Jonathan Pearson et al.	Highly Confidential
PTX0892	11/15/2019 12:26	GOOG-DOJ-11728951	GOOG-DOJ-11729001	Google presentation	Highly Confidential
PTX0893	11/22/2019 12:00	GOOG-DOJ-05782415	GOOG-DOJ-05782460-017	Google document	Highly Confidential
PTX0894	11/22/2019 18:34	GOOG-DOJ-10667017	GOOG-DOJ-10667018	Email from Jim Garrison to Yumin Guo et al.	Highly Confidential
PTX0895	11/25/2019 22:18	GOOG-AT-MDL-001397473	GOOG-AT-MDL-001397485	Google document	Confidential
PTX0896	12/3/2019 19:24	GOOG-AT-MDL-B-004309756	GOOG-AT-MDL-B-004309756	Message from Cyrus Beagley to Bonita Stewart	Highly Confidential
PTX0897	12/4/2019 13:24	GOOG-DOJ-10422489	GOOG-DOJ-10422489	Email from Ali Nasiri Amini to Duke Dukellis et al.	Highly Confidential
PTX0898	12/9/2019 13:52	GOOG-DOJ-11792911	GOOG-DOJ-11792917	Google presentation	Highly Confidential
PTX0899	12/9/2019 15:57	GOOG-DOJ-12799286	GOOG-DOJ-12799316	Google presentation	Highly Confidential
PTX0900	12/11/2019 22:00	GOOG-DOJ-AT-02275835	GOOG-DOJ-AT-02275845	Email from Jason Sigalos to Atoshi Shorey et al.	Highly Confidential
PTX0901	12/16/2019 21:14	GOOG-DOJ-AT-01479985	GOOG-DOJ-AT-01480004	Google document	Highly Confidential
PTX0902	12/17/2019 16:03	GOOG-DOJ-11147504	GOOG-DOJ-11147506	Email from Vlad Sinaniyev to Peentoo Patel et al.	Highly Confidential
PTX0903	12/18/2019 2:35	GOOG-AT-MDL-B-004482111	GOOG-AT-MDL-B-004482113	Message from Nitish Korula to Deepak Ravichandran	Highly Confidential
PTX0904	12/20/2019 14:37	GOOG-DOJ-AT-01592535	GOOG-DOJ-AT-01592577	Google presentation	Highly Confidential
PTX0905	12/31/2019 0:00	GOOG1-00005951	GOOG1-00005959	Google document	Confidential
PTX0906	1/6/2020 18:28	GOOG-DOJ-AT-02276219	GOOG-DOJ-AT-02276230	Email from Atoshi Shorey to Sneh Prateek et al.	Highly Confidential
PTX0907	1/14/2020 16:10	GOOG-DOJ-AT-01018638	GOOG-DOJ-AT-01018640	Message from Nitish Korula to Justin Schuh et al.	Highly Confidential
PTX0908	1/14/2020 16:10	GOOG-AT-MDL-011213261	GOOG-AT-MDL-011213263	Message from Nitish Korula to Justin Schuh et al.	Confidential
PTX0909	1/14/2020 16:10	GOOG-AT-MDL-B-003871438	GOOG-AT-MDL-B-003871440	Message from Nitish Korula to Justin Schuh et al.	Highly Confidential
PTX0910	1/14/2020 16:10	GOOG-AT-MDL-B-003992529	GOOG-AT-MDL-B-003992531	Message from Nitish Korula to Justin Schuh et al.	Highly Confidential
PTX0911	1/14/2020 16:10	GOOG-AT-MDL-B-003992532	GOOG-AT-MDL-B-003992539	Message from Nitish Korula to Deepak Ravichandran et al.	Highly Confidential
PTX0912	1/15/2020 18:14	GOOG-DOJ-10308470	GOOG-DOJ-10308476	Google document	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0913	1/22/2020 23:31	GOOG-DOJ-14549757	GOOG-DOJ-14549797	Google presentation	Highly Confidential
PTX0914	1/27/2020 19:36	GOOG-AT-MDL-004059508	GOOG-AT-MDL-004059515	Google document	Confidential
PTX0915	1/28/2020 16:35	GOOG-DOJ-10963068	GOOG-DOJ-10963072	Email from Chris LaSala to Jason Spero et al.	Highly Confidential
PTX0916	1/29/2020 14:37	GOOG-DOJ-11794721	GOOG-DOJ-11794756	Google presentation	Highly Confidential
PTX0917	1/30/2020 18:17	GOOG-DOJ-09559968	GOOG-DOJ-09560022	Google presentation	Highly Confidential
PTX0918	1/30/2020 23:19	GOOG-AT-MDL-012516284	GOOG-AT-MDL-012516285	Email from Chris Lee-Egan to Industryinfo et al.	Highly Confidential
PTX0919	1/30/2020 23:22	GOOG-AT-MDL-012516286	GOOG-AT-MDL-012516288	Email from Tyler Romeo to Chris Lee-Egan et al.	Highly Confidential
PTX0920	1/30/2020 23:26	GOOG-AT-MDL-012516289	GOOG-AT-MDL-012516290	Email from Sami Liedes to Chris Lee-Egan et al.	Highly Confidential
PTX0921	1/30/2020 23:27	GOOG-AT-MDL-012516291	GOOG-AT-MDL-012516293	Email from Matt Shubert to Tyler Romeo et al.	Highly Confidential
PTX0922	1/30/2020 23:31	GOOG-AT-MDL-012516294	GOOG-AT-MDL-012516296	Email from Yurii Zubrytskyi to Matt Shubert et al.	Highly Confidential
PTX0923	1/31/2020 0:05	GOOG-AT-MDL-012516297	GOOG-AT-MDL-012516300	Email from Cory Slep to Yurii Zubrytskyi et al.	Highly Confidential
PTX0924	2/3/2020 16:46	GOOG-AT-MDL-012516308	GOOG-AT-MDL-012516311	Email from Chris Lee-Egan to Cory Slep et al.	Highly Confidential
PTX0925	2/4/2020 21:24	GOOG-DOJ-27768441	GOOG-DOJ-27768442	Email from Chris LaSala to Jason Spero et al.	Confidential
PTX0926	2/6/2020 0:00	GOOG-DOJ-AT-00046252	GOOG-DOJ-AT-00046252	Email from Giulio Minguzzi to Nancy Yoo et al.	Highly Confidential
PTX0927	2/6/2020 0:00	GOOG-DOJ-AT-00046256	GOOG-DOJ-AT-00046257	Email from Chris LaSala to Bonita Stewart et al.	Highly Confidential
PTX0928	2/6/2020 23:48	GOOG-DOJ-09779876	GOOG-DOJ-09779881	Google document	Highly Confidential
PTX0929	2/7/2020 11:39	GOOG-DOJ-AT-00575797	GOOG-DOJ-AT-00575798	Email from Casper Verhoofstad to Ehsan Maani et al.	Highly Confidential
PTX0930	2/7/2020 16:44	GOOG-AT-MDL-007336172	GOOG-AT-MDL-007336173	Email from Giulio Minguzzi to Jennifer Cooper et al.	Confidential
PTX0931	2/9/2020 18:03	GOOG-AT-MDL-008388423	GOOG-AT-MDL-008388423	Message from Brad Lassey to Justin Schuh et al.	Confidential
PTX0932	2/9/2020 18:03	GOOG-AT-MDL-B-004439252	GOOG-AT-MDL-B-004439253	Message from Brad Lassey to Chetna Bindra et al.	Highly Confidential
PTX0933	2/11/2020 19:00	GOOG-DOJ-10310183	GOOG-DOJ-10310183	Message from Nitish Korula to Gregory Donaker et al.	Highly Confidential
PTX0934	2/14/2020 8:39	GOOG-DOJ-10963387	GOOG-DOJ-10963403	Google document	Highly Confidential
PTX0935	2/18/2020 18:24	GOOG-DOJ-10310865	GOOG-DOJ-10310868	Email from Deepti Bhatnagar to Carl Burch et al.	Highly Confidential
PTX0936	2/18/2020 18:24	GOOG-DOJ-15159418	GOOG-DOJ-15159421	Email from Deepti Bhatnagar to Carl Burch et al.	Highly Confidential
PTX0937	2/18/2020 20:47	GOOG-DOJ-27799214	GOOG-DOJ-27799237	Google presentation	Confidential
PTX0938	2/18/2020 22:29	GOOG-DOJ-AT-01458263	GOOG-DOJ-AT-01458275	Google document	Highly Confidential
PTX0939	2/19/2020 17:22	GOOG-AT-MDL-004326981	GOOG-AT-MDL-004327016	Google presentation	Highly Confidential
PTX0940	2/21/2020 15:12	GOOG-DOJ-12766268	GOOG-DOJ-12766293	Google document	Highly Confidential
PTX0941	2/21/2020 20:53	GOOG-DOJ-29671819	GOOG-DOJ-29671821	Google document	Confidential
PTX0942	2/22/2020 0:46	GOOG-DOJ-11733552	GOOG-DOJ-11733585	Google presentation	Highly Confidential
PTX0943	2/24/2020 1:49	GOOG-DOJ-AT-01020260	GOOG-DOJ-AT-01020277	Google presentation	Highly Confidential
PTX0944	2/25/2020 18:36	GOOG-DOJ-AT-00576527	GOOG-DOJ-AT-00576551	Google presentation	Highly Confidential
PTX0945	2/26/2020 16:16	GOOG-DOJ-13233139	GOOG-DOJ-13233144	Google document	Highly Confidential
PTX0946	2/27/2020 17:29	GOOG-DOJ-AT-00855803	GOOG-DOJ-AT-00855813	Google presentation	Highly Confidential
PTX0947	3/3/2020 18:20	GOOG-AT-MDL-B-004482114	GOOG-AT-MDL-B-004482114	Message from Nirmal Jayaram to Nitish Korula	Highly Confidential
PTX0948	3/6/2020 21:43	GOOG-DOJ-15257906	GOOG-DOJ-15257919	Google presentation	Highly Confidential
PTX0949	3/16/2020 17:29	GOOG-DOJ-AT-00657480	GOOG-DOJ-AT-00657483	Message from Nitish Korula to Noam Wolf et al.	Highly Confidential
PTX0950	3/26/2020 12:37	GOOG-DOJ-AT-00545771	GOOG-DOJ-AT-00545779	Email from Rob Malkin to Ryan Haggarty et al.	Highly Confidential
PTX0951	3/27/2020 18:53	GOOG-DOJ-AT-01033363	GOOG-DOJ-AT-01033368	Google document	Highly Confidential
PTX0952	3/30/2020 16:57	GOOG-DOJ-AT-01687149	GOOG-DOJ-AT-01687151	Email from George Levitte to Uchechi Okereke et al.	Highly Confidential
PTX0953	3/30/2020 22:22	GOOG-AT-MDL-001391532	GOOG-AT-MDL-001391545	Google document	Highly Confidential
PTX0954	4/2/2020 17:36	GOOG-DOJ-13420249	GOOG-DOJ-13420253	Google document	Highly Confidential
PTX0955	4/2/2020 21:41	GOOG-DOJ-AT-02221430	GOOG-DOJ-AT-02221439	Google document	Highly Confidential
PTX0956	4/3/2020 16:16	GOOG-DOJ-15159832	GOOG-DOJ-15159881	Google presentation	Highly Confidential
PTX0957	4/9/2020 17:00	GOOG-DOJ-AT-01155096	GOOG-DOJ-AT-01155105	Google document	Highly Confidential
PTX0958	4/13/2020 19:33	GOOG-DOJ-15231673	GOOG-DOJ-15231679	Google document	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX0959	4/16/2020 21:43	GOOG-AT-MDL-B-004482121	GOOG-AT-MDL-B-004482121	Message from Nitish Korula to Abhita Chugh	Highly Confidential
PTX0960	4/28/2020 18:51	GOOG-AT-MDL-006507508	GOOG-AT-MDL-006507509	Google document	Confidential
PTX0961	5/1/2020 0:12	GOOG-DOJ-15269440	GOOG-DOJ-15269443	Google document	Highly Confidential
PTX0962	5/5/2020 14:31	GOOG-DOJ-AT-01826536	GOOG-DOJ-AT-01826552	Email from Chris LaSala to Keith Weisberg	Highly Confidential
PTX0963	5/7/2020 12:38	GOOG-AT-MDL-004436650	GOOG-AT-MDL-004436670	Email from Nitish Korula to Charlie Reams, with attachment	Confidential
PTX0964	5/24/2020 23:05	GOOG-DOJ-15159990	GOOG-DOJ-15160027	Google presentation	Highly Confidential
PTX0965	6/3/2020 23:43	GOOG-DOJ-AT-00858505	GOOG-DOJ-AT-00858508	Google document	Highly Confidential
PTX0966	6/8/2020 19:03	GOOG-DOJ-13980360	GOOG-DOJ-13980364	Google document	Highly Confidential
PTX0967	6/9/2020 14:51	GOOG-AT-MDL-011555914	GOOG-AT-MDL-011555922	Message from Noam Wolf to Nitish Korula et al.	Confidential
PTX0968	6/10/2020 17:15	GOOG-AT-MDL-011555941	GOOG-AT-MDL-011555941	Message from Nitish Korula to Steve Swan	Confidential
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PTX0970	6/11/2020 19:34	GOOG-AT-MDL-009758672	GOOG-AT-MDL-009758674	Google presentation	Highly Confidential
PTX0971	6/15/2020 5:54	GOOG-DOJ-32280764	GOOG-DOJ-32280772	Google document	Confidential
PTX0972	6/20/2020 2:30	GOOG-AT-MDL-019521344	GOOG-AT-MDL-019521345	Email from Ali Nasiri Amini to Sissie Hsiao et al.	Highly Confidential
PTX0973	6/23/2020			Google webpage titled "How our display buying platforms share revenue with publishers"	
PTX0974	6/23/2020 21:36	GOOG-AT-MDL-007188258	GOOG-AT-MDL-007188258	Google spreadsheet	Confidential
PTX0975	6/30/2020 18:16	GOOG-AT-MDL-B-004482122	GOOG-AT-MDL-B-004482122	Message from Nitish Korula to Alok Sheth	Highly Confidential
PTX0976	7/17/2020 17:24	GOOG-DOJ-AT-00288371	GOOG-DOJ-AT-00288393	Google document	Highly Confidential
PTX0977	7/24/2020 18:16	GOOG-AT-MDL-008666769	GOOG-AT-MDL-008666769	Google spreadsheet	Confidential
PTX0978	7/27/2020 18:20	GOOG-DOJ-14436571	GOOG-DOJ-14436626	Google presentation	Highly Confidential
PTX0979	8/3/2020 17:31	GOOG-DOJ-AT-01683587	GOOG-DOJ-AT-01683592	Google document	Highly Confidential
PTX0980	8/4/2020 17:39	GOOG-AT-MDL-016094163	GOOG-AT-MDL-016094167	Google document	Confidential
PTX0981	8/13/2020 14:44	GOOG-DOJ-AT-02641400	GOOG-DOJ-AT-02641400	Google spreadsheet	Highly Confidential
PTX0982	8/13/2020 16:01	GOOG-DOJ-AT-01511990	GOOG-DOJ-AT-01512004	Google document	Highly Confidential
PTX0983	8/19/2020 16:35	GOOG-AT-MDL-015525071	GOOG-AT-MDL-015525077	Email from Vidhya Srinivasan to Jerry Dischler et al.	Confidential
PTX0984	8/20/2020 14:20	GOOG-AT-MDL-004522085	GOOG-AT-MDL-004522129	Google presentation	Confidential
PTX0985	8/22/2020 7:38	GOOG-DOJ-AT-01131007	GOOG-DOJ-AT-01131008	Google document	Highly Confidential
PTX0986	8/24/2020 14:51	GOOG-AT-MDL-000034633	GOOG-AT-MDL-000034634	Email from Brett Benowitz to Benjamin Miller et al.	Confidential
PTX0987	8/25/2020 15:44	GOOG-AT-MDL-B-003880468	GOOG-AT-MDL-B-003880483	Message from Emily Kang to Aemilios Melis et al.	Highly Confidential
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PTX0989	9/1/2020 19:06	GOOG-DOJ-AT-00095374	GOOG-DOJ-AT-00095379	Message from Ali Nasiri Amini to Nitish Korula	Highly Confidential
PTX0990	9/2/2020 20:21	GOOG-DOJ-AT-00859969	GOOG-DOJ-AT-00859969	Email from Nirmal Jayaram to Sissie Hsiao	Highly Confidential
PTX0991	9/10/2020 18:04	GOOG-AT-MDL-004528300	GOOG-AT-MDL-004528327	Google presentation	Highly Confidential
PTX0992	9/16/2020 14:38	GOOG-DOJ-AT-01828942	GOOG-DOJ-AT-01828943	Message from Chris LaSala to Nash Islam	Highly Confidential
PTX0993	9/24/2020 0:55	GOOG-AT-MDL-003977297	GOOG-AT-MDL-003977506	Google presentation	Highly Confidential
PTX0994	9/30/2020 21:15	GOOG-DOJ-AT-00620243	GOOG-DOJ-AT-00620247	Email from Andrew Hogue to Nitish Korula et al.	Highly Confidential
PTX0995	10/12/2020 17:51	GOOG-DOJ-AT-00198548	GOOG-DOJ-AT-00198553	Message from Nitish Korula to Chetna Bindra	Highly Confidential
PTX0996	10/19/2020 15:48	GOOG-DOJ-AT-00010835	GOOG-DOJ-AT-00010838	Email from Bonita Stewart to German Santana	Highly Confidential
PTX0997	10/21/2020 1:55	GOOG-DOJ-AT-02641389	GOOG-DOJ-AT-02641396	Email from Chi Hea Cho to Pstaff et al.	Highly Confidential
PTX0998	10/21/2020 19:10	GOOG-DOJ-AT-01815504	GOOG-DOJ-AT-01815572	Google presentation	Highly Confidential
PTX0999	10/29/2020 0:00	GOOG-AT-MDL-B-004731760	GOOG-AT-MDL-B-004731773	Google presentation	Highly Confidential
PTX1000	10/29/2020 16:44	GOOG-AT-MDL-014680318	GOOG-AT-MDL-014680320	Message from Vidhya Srinivasan to Christophe Combette	Confidential
PTX1001	10/29/2020 23:49	GOOG-AT-MDL-007988633	GOOG-AT-MDL-007988640	Google document	Highly Confidential
PTX1002	10/30/2020 0:59	GOOG-AT-MDL-019177661	GOOG-AT-MDL-019177674	Google presentation	Highly Confidential
PTX1003	11/5/2020 21:57	GOOG-AT-MDL-004436720	GOOG-AT-MDL-004436755	Google document	Confidential

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PTX1004	11/30/2020 0:00	GOOG-DOJ-AT-01830500	GOOG-DOJ-AT-01830504	Email from Chris LaSala to Chetna Bindra et al.	Highly Confidential
PTX1005	12/14/2020 15:32	GOOG-AT-MDL-012138433	GOOG-AT-MDL-012138433	Google spreadsheet	Highly Confidential
PTX1006	1/9/2021 2:10	GOOG-DOJ-AT-02129456	GOOG-DOJ-AT-02129470	Email from Richard Zippel to Yuwen Liu et al.	Highly Confidential
PTX1007	1/17/2021 23:21	GOOG-AT-MDL-008162765	GOOG-AT-MDL-008162766	Email from Suzanne Blackburn to Sissie Hsiao et al.	Highly Confidential
PTX1008	1/26/2021 0:23	GOOG-DOJ-AT-02224349	GOOG-DOJ-AT-02224354	Google document	Highly Confidential
PTX1009	1/27/2021 15:22	GOOG-AT-MDL-B-004441375	GOOG-AT-MDL-B-004441375	Message from Kevin Smilak to Erika Trautman et al.	Highly Confidential
PTX1010	1/29/2021 16:48	GOOG-DOJ-AT-00029029	GOOG-DOJ-AT-00029040	Google document	Highly Confidential
PTX1011	2/5/2021 21:30	GOOG-AT-MDL-009583794	GOOG-AT-MDL-009583798	Google document	Confidential
PTX1012	2/16/2021 20:27	GOOG-DOJ-AT-00330626	GOOG-DOJ-AT-00330692	Google presentation	Highly Confidential
PTX1013	2/19/2021 13:24	GOOG-DOJ-AT-01131595	GOOG-DOJ-AT-01131598	Google document	Highly Confidential
PTX1014	2/25/2021 15:26	GOOG-DOJ-AT-01782271	GOOG-DOJ-AT-01782273	Google document	Highly Confidential
PTX1015	2/25/2021 19:02	GOOG-AT-MDL-006508384	GOOG-AT-MDL-006508385	Google document	Confidential
PTX1016	3/1/2021 23:49	GOOG-AT-MDL-002358894	GOOG-AT-MDL-002358899	Google document	Highly Confidential
PTX1017	3/2/2021 20:17	GOOG-DOJ-AT-02003161	GOOG-DOJ-AT-02003173	Google presentation	Highly Confidential
PTX1018	3/2/2021 20:24	GOOG-AT-MDL-011652369	GOOG-AT-MDL-011652580	Google document	Highly Confidential
PTX1019	3/4/2021 16:16	GOOG-AT-MDL-011558460	GOOG-AT-MDL-011558464	Message from Google employee to Dale Harrison	Confidential
PTX1020	3/4/2021 16:16	GOOG-AT-MDL-018460922	GOOG-AT-MDL-018460924	Message from Google employee to Dale Harrison	Highly Confidential
PTX1021	3/16/2021 15:25	GOOG-DOJ-AT-01537917	GOOG-DOJ-AT-01537925	Google document	Highly Confidential
PTX1022	4/1/2021 15:20	GOOG-AT-MDL-009584025	GOOG-AT-MDL-009584035	Message from Dan Taylor to Chris LaSala	Confidential
PTX1023	4/7/2021			Pew Research Center Report titled "Social Media Use in 2021"	
PTX1024	4/10/2021 23:57	GOOG-AT-MDL-019516657	GOOG-AT-MDL-019516658	Email from Ali Nasiri Amini to Nitish Korula et al.	Highly Confidential
PTX1025	4/12/2021 3:42	GOOG-AT-MDL-003285718	GOOG-AT-MDL-003285718	Email from Nirmal Jayaram to Matt Wong et al.	Confidential
PTX1026	4/12/2021 22:05	GOOG-AT-MDL-019465728	GOOG-AT-MDL-019465732	Email from Charlotte Smith to Jerry Dischler et al.	Highly Confidential
PTX1027	4/22/2021 13:40	GOOG-AT-MDL-006636158	GOOG-AT-MDL-006636160	Email from Jessica Nussbaum to Lior Shenkar et al.	Highly Confidential
PTX1028	4/26/2021 6:04	GOOG-AT-MDL-008880243	GOOG-AT-MDL-008880252	Google document	Confidential
PTX1029	5/10/2021 15:05	GOOG-AT-MDL-011619755	GOOG-AT-MDL-011619756	Google document	Confidential
PTX1030	5/17/2021 19:47	GOOG-AT-MDL-006508442	GOOG-AT-MDL-006508453	Google document	Highly Confidential
PTX1031	5/26/2021 8:16	GOOG-DOJ-AT-02199478	GOOG-DOJ-AT-02199555	Google presentation	Highly Confidential
PTX1032	6/2/2021 21:29	GOOG-DOJ-AT-02096682	GOOG-DOJ-AT-02096692	Google document	Highly Confidential
PTX1033	6/10/2021 17:09	GOOG-AT-MDL-010777654	GOOG-AT-MDL-010777658	Message involving Jim Giles, Aparna Pappu, and other Google employees	Confidential
PTX1034	6/28/2021 19:59	GOOG-DOJ-AT-02301558	GOOG-DOJ-AT-02301626	Google presentation	Highly Confidential
PTX1035	6/28/2021 20:00	GOOG-DOJ-AT-02204351	GOOG-DOJ-AT-02204391	Google presentation	Highly Confidential
PTX1036	7/13/2021 17:19	GOOG-AT-MDL-004549901	GOOG-AT-MDL-004549902	Google document	Highly Confidential
PTX1037	7/16/2021 13:19	GOOG-AT-MDL-007363675	GOOG-AT-MDL-007363675-004	Email from Charlotte Smith to Jerry Dischler et al.	Highly Confidential
PTX1038	7/27/2021 17:00	GOOG-AT-MDL-B-004440060	GOOG-AT-MDL-B-004440060	Message from Google employee to Jerry Dischler et al.	Highly Confidential
PTX1039	7/27/2021 18:17	GOOG-AT-MDL-003404357	GOOG-AT-MDL-003404362	Email from Tim Craycroft to Ashish Gupta	Highly Confidential
PTX1040	8/4/2021 0:51	GOOG-DOJ-AT-02321262	GOOG-DOJ-AT-02321272	Google document	Highly Confidential
PTX1041	9/14/2021 13:49	GOOG-AT-MDL-003404482	GOOG-AT-MDL-003404485	Google document	Highly Confidential
PTX1042	9/15/2021 17:55	GOOG-AT-MDL-006690144	GOOG-AT-MDL-006690156	Google document	Highly Confidential
PTX1043	9/21/2021 14:28	GOOG-AT-MDL-009758848	GOOG-AT-MDL-009758857	Google presentation	Confidential
PTX1044	9/23/2021 3:55	GOOG-AT-MDL-006778556	GOOG-AT-MDL-006778634	Google presentation	Highly Confidential
PTX1045	9/23/2021 9:35	GOOG-AT-MDL-006609824	GOOG-AT-MDL-006609880	Google presentation	Highly Confidential
PTX1046	10/5/2021 0:47	GOOG-DOJ-AT-02517083	GOOG-DOJ-AT-02517083	Google document	Highly Confidential
PTX1047	10/27/2021 16:32	GOOG-AT-MDL-000888797	GOOG-AT-MDL-000888808	Google document	Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1048	11/2/2021 15:16	GOOG-AT-MDL-007373729	GOOG-AT-MDL-007373736	Email from Google employee to Carlos Granda et al., with attachments	Confidential
PTX1049	11/30/2021 0:00	GOOG-AT-MDL-004388403	GOOG-AT-MDL-004388419	Email from Krishna Brown to Katie Baxter et al., with attachments	Highly Confidential
PTX1050	12/1/2021 14:15	GOOG-AT-MDL-004379104	GOOG-AT-MDL-004379107	Email from Alyssa Raiola to Taylor Rizzolino et al.	Confidential
PTX1051	12/13/2021 14:39	GOOG-AT-MDL-017319069	GOOG-AT-MDL-017319142	Google document	Highly Confidential
PTX1052	12/14/2021 0:00	GOOG-AT-MDL-008313255	GOOG-AT-MDL-008313280	Email from Karsten Venna to Micah Markman et al., with attachment	Highly Confidential
PTX1053	1/13/2022 0:00	GOOG-AT-MDL-004388616	GOOG-AT-MDL-004388672	Email from Sabrina Abuzahra to Aaron Storer et al., with attachment	Highly Confidential
PTX1054	2/14/2022 17:14	GOOG-AT-MDL-004550123	GOOG-AT-MDL-004550125	Google document	Highly Confidential
PTX1055	2/24/2022 18:29	GOOG-AT-MDL-007319340	GOOG-AT-MDL-007319348	Google document	Highly Confidential
PTX1056	3/8/2022 17:04	GOOG-AT-MDL-004653519	GOOG-AT-MDL-004653526	Email from Alyssa Raiola to Michael Brunner et al.	Confidential
PTX1057	3/17/2022 16:12	GOOG-AT-MDL-015177997	GOOG-AT-MDL-015177997	Message from Rahul Kooverjee to Rahul Kooverjee	Confidential
PTX1058	3/30/2022 20:37	GOOG-AT-MDL-015178119	GOOG-AT-MDL-015178119	Message from Rahul Kooverjee to Rahul Kooverjee	Confidential
PTX1059	5/18/2022 0:07	GOOG-AT-MDL-006193952	GOOG-AT-MDL-006194001	Google presentation	Highly Confidential
PTX1060	5/20/2022 0:00	GOOG-AT-MDL-019567369	GOOG-AT-MDL-019567376	Google document	Highly Confidential
PTX1061	5/31/2022 17:15	GOOG-AT-MDL-006787466	GOOG-AT-MDL-006787471	Email from Michelle Hinkes to Sabrina Abuzahra et al.	Confidential
PTX1062	6/13/2022 13:45	GOOG-AT-MDL-004550185	GOOG-AT-MDL-004550186	Email from Danielle Perrella to Melanie Nash et al.	Confidential
PTX1063	6/27/2022 16:24	GOOG-AT-MDL-019357807	GOOG-AT-MDL-019357810	Google document	Highly Confidential
PTX1064	6/30/2022 21:03	GOOG-AT-MDL-004568578	GOOG-AT-MDL-004568635	Google presentation	Highly Confidential
PTX1065	7/22/2022 20:43	GOOG-AT-MDL-004347222	GOOG-AT-MDL-004347222	Google document	Highly Confidential
PTX1066	7/29/2022 21:32	GOOG-AT-MDL-010525663	GOOG-AT-MDL-010525897	Email withheld for privilege with attachments	Highly Confidential
PTX1067	7/31/2022 3:55	GOOG-AT-MDL-002641400	GOOG-AT-MDL-002641407	Email from Sushrut Karanjkar to Madeline Briere et al.	Confidential
PTX1068	8/1/2022 14:27	GOOG-AT-MDL-001970341	GOOG-AT-MDL-001970358	Google document	Highly Confidential
PTX1069	8/8/2022 21:15	GOOG-AT-MDL-008885721	GOOG-AT-MDL-008885757	Google document	Highly Confidential
PTX1070	8/16/2022 18:30	GOOG-AT-MDL-008520405	GOOG-AT-MDL-008520407	Messages involving various Google employees	Confidential
PTX1071	8/19/2022 14:54	GOOG-AT-MDL-006156098	GOOG-AT-MDL-006156131	Google presentation	Confidential
PTX1072	8/21/2022 22:31	GOOG-AT-MDL-018529126	GOOG-AT-MDL-018529133	Google document	Highly Confidential
PTX1073	9/16/2022 21:04	GOOG-AT-MDL-010523721	GOOG-AT-MDL-010523743	Google presentation	Confidential
PTX1074	9/20/2022 13:36	GOOG-AT-MDL-001793318	GOOG-AT-MDL-001793375	Google presentation	Highly Confidential
PTX1075	9/20/2022 17:27	GOOG-AT-MDL-008227470	GOOG-AT-MDL-008227470	Google spreadsheet	Highly Confidential
PTX1076	9/26/2022 22:20	GOOG-AT-MDL-006816357	GOOG-AT-MDL-006816383	Google presentation	Highly Confidential
PTX1077	10/21/2022 16:21	GOOG-AT-MDL-008891508	GOOG-AT-MDL-008891508	Email from Allie Bodack to Jerry Dischler et al.	Highly Confidential
PTX1078	10/21/2022 17:06	GOOG-AT-MDL-008891509	GOOG-AT-MDL-008891509	Email from Jerry Dischler to Allie Bodack et al.	Highly Confidential
PTX1079	10/26/2022 14:12	GOOG-AT-MDL-001849256	GOOG-AT-MDL-001849258	Email from Alex Propes to Dan Taylor et al.	Confidential
PTX1080	10/28/2022 0:00	GOOG-DOJ-AT-02645892	GOOG-DOJ-AT-02645892	Google spreadsheet	Highly Confidential
PTX1081	10/31/2022 18:43	GOOG-AT-MDL-008863320	GOOG-AT-MDL-008863322	Email from Ted Lazarus to Allie Bodack et al.	Confidential
PTX1082	11/1/2022 12:56	GOOG-AT-MDL-008891538	GOOG-AT-MDL-008891543	Email from Allie Bodack to Ted Lazarus et al.	Highly Confidential
PTX1083	11/1/2022 13:37	GOOG-AT-MDL-017191975	GOOG-AT-MDL-017191979	Email from Corey duBrowa to Sundar Pichai et al.	Highly Confidential
PTX1084	11/1/2022 14:36	GOOG-AT-MDL-004210331	GOOG-AT-MDL-004210334	Email from Alyssa Raiola to Sabrina Abuzahra et al.	Highly Confidential
PTX1085	11/4/2022 21:25	GOOG-AT-MDL-008886885	GOOG-AT-MDL-008886890	Google document	Highly Confidential
PTX1086	11/8/2022 22:39	GOOG-AT-MDL-010689638	GOOG-AT-MDL-010689653	Google document	Highly Confidential
PTX1087	11/10/2022 14:56	GOOG-AT-MDL-004530104	GOOG-AT-MDL-004530114	Google presentation	Confidential
PTX1088	11/17/2022 19:14	GOOG-AT-MDL-017803396	GOOG-AT-MDL-017803483	Google presentation	Highly Confidential
PTX1089	11/21/2022 16:51	GOOG-AT-MDL-000992438	GOOG-AT-MDL-000992442	Google document	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1090	11/30/2022 21:03	GOOG-AT-MDL-004523396	GOOG-AT-MDL-004523405	Google document	Highly Confidential
PTX1091	11/30/2022 21:03	GOOG-AT-MDL-008622817	GOOG-AT-MDL-008622840	Email from Jill Dozier to Gabrielle Scarpa et al., with attachments	Confidential
PTX1092	12/2/2022 11:02	GOOG-DOJ-05782415-SQ20230508	GOOG-DOJ-05782460-017-SQ20230508	Google document	Confidential
PTX1093	12/2/2022 11:02	GOOG-AT-MDL-019508780	GOOG-AT-MDL-019508824	Google document	Highly Confidential
PTX1094	12/5/2022 16:17	GOOG-AT-MDL-007239240	GOOG-AT-MDL-007239319	Google document	Confidential
PTX1095	12/8/2022 4:06	GOOG-AT-MDL-009538757	GOOG-AT-MDL-009538795	Google presentation	Highly Confidential
PTX1096	12/12/2022 0:00	GOOG-AT-MDL-006217592	GOOG-AT-MDL-006217626	Google document	Highly Confidential
PTX1097	12/15/2022 18:15	GOOG-DOJ-AT-02649870	GOOG-DOJ-AT-02649870	Google spreadsheet	Highly Confidential
PTX1098	12/16/2022 0:00	GOOG-AT-MDL-006218257	GOOG-AT-MDL-006218270	Google document	Highly Confidential
PTX1099	1/10/2023 13:53	GOOG-AT-MDL-019508860	GOOG-AT-MDL-019508897	Google document	Highly Confidential
PTX1100	1/17/2023 13:50	GOOG-AT-MDL-004184989	GOOG-AT-MDL-004184990	Email from Sabrina Abuzahra to Alyssa Raiola	Highly Confidential
PTX1101	1/26/2023 18:34	GOOG-AT-MDL-009053112	GOOG-AT-MDL-009053114	Email from Allie Bodack (Google Docs) to Nitish Korula	Confidential
PTX1102	1/26/2023 19:36	GOOG-AT-MDL-008314345	GOOG-AT-MDL-008314479	Google presentation	Confidential
PTX1103	2/2/2023 13:38	GOOG-AT-MDL-012694825	GOOG-AT-MDL-012694840	Google document	Highly Confidential
PTX1104	2/9/2023 15:26	GOOG-AT-MDL-007399442	GOOG-AT-MDL-007399459	Message from Aparna Pappu to Google employee, with attachments	Confidential
PTX1105	2/9/2023 15:26	GOOG-AT-MDL-008017534	GOOG-AT-MDL-008017551	Message from Aparna Pappu to Google employee, with attachments	Confidential
PTX1106	2/9/2023 16:58	GOOG-AT-MDL-009704804	GOOG-AT-MDL-009704809	Google presentation	Highly Confidential
PTX1107	2/9/2023 18:40	GOOG-AT-MDL-012301658	GOOG-AT-MDL-012301664	Message from Woojin Kim to Google employees, with attachments	Confidential
PTX1108	2/9/2023 20:02	GOOG-AT-MDL-012301665	GOOG-AT-MDL-012301670	Message from Google employee m to Woojin Kim, with attachments	Confidential
PTX1109	2/10/2023 16:39	GOOG-AT-MDL-008284272	GOOG-AT-MDL-008284327	Google document	Highly Confidential
PTX1110	2/15/2023 16:59	GOOG-AT-MDL-018738445	GOOG-AT-MDL-018738447	Google presentation	Highly Confidential
PTX1111	2/23/2023 19:12	GOOG-AT-MDL-004211429	GOOG-AT-MDL-004211459	Google presentation	Confidential
PTX1112	2/27/2023 17:15	GOOG-AT-MDL-008526909	GOOG-AT-MDL-008526909	Message from Chris Harris to Google employees, with attachment	Confidential
PTX1113	3/1/2023 22:55	GOOG-AT-MDL-004347508	GOOG-AT-MDL-004347509	Google document	Highly Confidential
PTX1114	3/4/2023 1:02	GOOG-AT-MDL-007390501	GOOG-AT-MDL-007390527	Google presentation	Highly Confidential
PTX1115	3/8/2023 11:43	GOOG-AT-MDL-011642403	GOOG-AT-MDL-011642403	Google document	Confidential
PTX1116	3/9/2023 19:10	GOOG-AT-MDL-009017857	GOOG-AT-MDL-009017877	Google presentation	Highly Confidential
PTX1117	3/16/2023 19:25	GOOG-AT-MDL-019244380	GOOG-AT-MDL-019244385	Google document	Highly Confidential
PTX1118	3/17/2023 16:38	GOOG-AT-MDL-009748859	GOOG-AT-MDL-009748886	Google presentation	Confidential
PTX1119	3/20/2023 15:11	GOOG-AT-MDL-014331375	GOOG-AT-MDL-014331379	Google presentation	Highly Confidential
PTX1120	5/5/2023 2:50	GOOG-AT-MDL-011817471	GOOG-AT-MDL-011817491	Google presentation	Confidential
PTX1121	5/10/2023 14:39	GOOG-AT-MDL-006823531	GOOG-AT-MDL-006823577	Google presentation	Confidential
PTX1122	6/8/2023 20:43	GOOG-AT-MDL-009831407	GOOG-AT-MDL-009831419	Google presentation	Confidential
PTX1123	6/8/2023 20:45	GOOG-AT-MDL-009838112	GOOG-AT-MDL-009838114	Google document	Confidential
PTX1124	6/9/2023 2:15	GOOG-AT-MDL-013133578	GOOG-AT-MDL-013133608	Google presentation	Highly Confidential
PTX1125	6/9/2023 2:47	GOOG-AT-MDL-010267418	GOOG-AT-MDL-010267439	Google presentation	Confidential
PTX1126	6/9/2023 2:50	GOOG-AT-MDL-010272691	GOOG-AT-MDL-010272710	Google document	Confidential
PTX1127	6/9/2023 15:35	GOOG-AT-MDL-017424763	GOOG-AT-MDL-017424844	Google document	Highly Confidential
PTX1128	6/9/2023 15:53	GOOG-AT-MDL-013290051	GOOG-AT-MDL-013290062	Google document	Highly Confidential
PTX1129	6/9/2023 16:01	GOOG-AT-MDL-013293586	GOOG-AT-MDL-013293611	Google presentation	Highly Confidential

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PTX1130	6/9/2023 16:01	GOOG-AT-MDL-016927030	GOOG-AT-MDL-016927089	Google presentation	Confidential
PTX1131	6/16/2023 14:31	GOOG-AT-MDL-007393541	GOOG-AT-MDL-007393560	Google presentation	Confidential
PTX1132	6/16/2023 14:31	GOOG-AT-MDL-007393571	GOOG-AT-MDL-007393586	Google presentation	Confidential
PTX1133	6/16/2023 14:31	GOOG-AT-MDL-007393486	GOOG-AT-MDL-007393490	Google document	Confidential
PTX1134	6/16/2023 14:31	GOOG-AT-MDL-007393502	GOOG-AT-MDL-007393511	Google document	Confidential
PTX1135	6/22/2023 3:37	GOOG-AT-MDL-019233838	GOOG-AT-MDL-019233843	Google document	Highly Confidential
PTX1136	6/22/2023 3:42	GOOG-AT-MDL-012198323	GOOG-AT-MDL-012198353	Google presentation	Confidential
PTX1137	6/22/2023 10:10	GOOG-AT-MDL-009969527	GOOG-AT-MDL-009969563	Google presentation	Confidential
PTX1138	6/22/2023 15:51	GOOG-AT-MDL-016481501	GOOG-AT-MDL-016481514	Google presentation	Confidential
PTX1139	6/29/2023 2:51	GOOG-DOJ-05539231	GOOG-DOJ-05539258	Google presentation	Confidential
PTX1140	6/29/2023 8:15	DOJ-ADS-0000068967	DOJ-ADS-0000068967	Google webpage titled "Advertising with Google Ad Manager - Google Ad Manager Help"	
PTX1141	6/29/2023 8:17	DOJ-ADS-0000068999	DOJ-ADS-0000069000	Google webpage titled "Compare Ad Manager and AdSense - Google Ad Manager Help"	
PTX1142	6/29/2023 8:20	DOJ-ADS-0000068949	DOJ-ADS-0000068952	Google webpage titled "Ad selection white paper - Google Ad Manager Help"	
PTX1143	6/29/2023 8:24	DOJ-ADS-0000068975	DOJ-ADS-0000068980	Google webpage titled "Changes to Google Ad Manager - Google Ad Manager Help"	
PTX1144	6/29/2023 8:24	DOJ-ADS-0000069001	DOJ-ADS-0000069003	Google webpage titled "Compare Ad Manager, AdSense, and AdMob - Google Ad Manager Help"	
PTX1145	6/29/2023 8:33	DOJ-ADS-0000069253	DOJ-ADS-0000069255	Google webpage titled "Ways of transacting in Ad Manager - Google Ad Manager Help"	
PTX1146	6/29/2023 8:43	DOJ-ADS-0000069182	DOJ-ADS-0000069186	Google webpage titled "Protected Audience API origin trial and Ad Manager - Google Ad Manager Help"	
PTX1147	6/29/2023 8:45	DOJ-ADS-0000069220	DOJ-ADS-0000069221	Google webpage titled "Topics API and Ad Manager - Google Ad Manager Help"	
PTX1148	6/29/2023 8:45	DOJ-ADS-0000068946	DOJ-ADS-0000068948	Google webpage titled "Ad Manager testing updates - Google Ad Manager Help"	
PTX1149	6/29/2023 9:21	DOJ-ADS-0000069171	DOJ-ADS-0000069179	Google webpage titled "Programmatic Guaranteed deals - Display & Video 360 Help"	
PTX1150	6/29/2023 9:45	DOJ-ADS-0000069315	DOJ-ADS-0000069315	Google webpage titled "Clickthrough rate (CTR)_ Definition - Google Ads Help"	
PTX1151	6/29/2023 9:48	DOJ-ADS-0000069327	DOJ-ADS-0000069327	Google webpage titled "Cookie_ Definition - Google Ads Help"	
PTX1152	6/29/2023 9:49	DOJ-ADS-0000069331	DOJ-ADS-0000069331	Google webpage titled "Cost-per-click (CPC)_ Definition - Google Ads Help"	
PTX1153	6/29/2023 9:49	DOJ-ADS-0000069332	DOJ-ADS-0000069332	Google webpage titled "Cost-per-thousand impressions (CPM)_ Definition - Google Ads Help"	
PTX1154	6/29/2023 9:52	DOJ-ADS-0000069348	DOJ-ADS-0000069348	Google webpage titled "Display Network_ Definition - Google Ads Help"	
PTX1155	6/29/2023 9:52	DOJ-ADS-0000069349	DOJ-ADS-0000069349	Google webpage titled "Display partners - Google Ads Help"	
PTX1156	6/29/2023 10:27	DOJ-ADS-0000069367	DOJ-ADS-0000069367	Google webpage titled "Frequency capping_ Definition - Google Ads Help"	
PTX1157	6/29/2023 10:30	DOJ-ADS-0000069393	DOJ-ADS-0000069393	Google webpage titled "Google tag ID_ Definition - Google Ads Help"	

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PTX1158	6/29/2023 10:37	DOJ-ADS-0000069429	DOJ-ADS-0000069429	Google webpage titled "Mobile ad - Google Ads Help"	
PTX1159	6/29/2023 11:50	DOJ-ADS-0000069476	DOJ-ADS-0000069476	Google webpage titled "Target cost-per-thousand impressions (tCPM) Definition - Google Ads Help"	
PTX1160	6/29/2023 12:00	DOJ-ADS-0000068986	DOJ-ADS-0000068988	Google webpage titled "Choose a bid for your Display Network campaign - Google Ads Help"	
PTX1161	6/29/2023 12:47	DOJ-ADS-0000068848	DOJ-ADS-0000068850	Google webpage titled "About Display ads and the Google Display Network - Google Ads Help"	
PTX1162	6/29/2023 13:19	DOJ-ADS-0000068936	DOJ-ADS-0000068938	Google webpage titled "Ad Exchange in Google Ad Manager - Google Ad Manager Help"	
PTX1163	6/29/2023 16:25	DOJ-ADS-0000069238	DOJ-ADS-0000069242	Google webpage titled "Unified pricing rules - Google Ad Manager Help"	
PTX1164	6/29/2023 17:11	DOJ-ADS-0000068997	DOJ-ADS-0000068998	Google webpage titled "Choose your Smart Bidding strategy for Display campaigns - Google Ads Help"	
PTX1165	6/29/2023 17:20	DOJ-ADS-0000068914	DOJ-ADS-0000068915	Google webpage titled "About targeting for Display campaigns - Google Ads Help"	
PTX1166	6/29/2023 17:23	DOJ-ADS-0000069187	DOJ-ADS-0000069188	Google webpage titled "Reach your audience on apps and websites - Google Ads Help"	
PTX1167	6/29/2023 17:24	DOJ-ADS-0000069111	DOJ-ADS-0000069112	Google webpage titled "How Google Ad Manager works with Google Ads - Google Ads Help"	
PTX1168	6/29/2023 17:26	DOJ-ADS-0000069258	DOJ-ADS-0000069258	Google webpage titled "Why AdSense? - Google AdSense Help"	
PTX1169	6/29/2023 17:27	DOJ-ADS-0000069032	DOJ-ADS-0000069032	Google webpage titled "Difference between AdSense and Google Ads - Google AdSense Help"	
PTX1170	6/29/2023 17:28	DOJ-ADS-0000068965	DOJ-ADS-0000068966	Google webpage titled "AdSense revenue share - Google AdSense Help"	
PTX1171	6/29/2023 17:59	DOJ-ADS-0000069506	DOJ-ADS-0000069506	Google webpage titled "Ad impressions - Google AdSense Help"	
PTX1172	6/29/2023 18:00	DOJ-ADS-0000069510	DOJ-ADS-0000069510	Google webpage titled "Ad RPM - Google AdSense Help"	
PTX1173	6/29/2023 18:01	DOJ-ADS-0000069522	DOJ-ADS-0000069522	Google webpage titled "Bid type - Google AdSense Help"	
PTX1174	6/29/2023 18:03	DOJ-ADS-0000069529	DOJ-ADS-0000069529	Google webpage titled "Conversion - Google AdSense Help"	
PTX1175	6/29/2023 18:03	DOJ-ADS-0000069530	DOJ-ADS-0000069530	Google webpage titled "Cookies - Google AdSense Help"	
PTX1176	6/29/2023 18:03	DOJ-ADS-0000069531	DOJ-ADS-0000069531	Google webpage titled "Cost-per-click (CPC) - Google AdSense Help"	
PTX1177	6/29/2023 18:03	DOJ-ADS-0000069534	DOJ-ADS-0000069534	Google webpage titled "CPM ads - Google AdSense Help"	
PTX1178	6/29/2023 18:22	DOJ-ADS-0000068992	DOJ-ADS-0000068996	Google webpage titled "Choose the right campaign type - Google Ads Help"	
PTX1179	6/29/2023 18:45	DOJ-ADS-0000068893	DOJ-ADS-0000068896	Google webpage titled "About similar segments on the Display Network - Google Ads Help"	
PTX1180	6/29/2023 18:48	DOJ-ADS-0000069234	DOJ-ADS-0000069235	Google webpage titled "Understand how location is used by Google's Display Network - Google Ads Help"	
PTX1181	6/29/2023 22:01	DOJ-ADS-0000068865	DOJ-ADS-0000068867	Google webpage titled "About Manual CPC bidding - Google Ads Help"	
PTX1182	6/29/2023 22:18	DOJ-ADS-0000069257	DOJ-ADS-0000069257	Google webpage titled "What is inventory_ - Google Ad Manager Help"	

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1183	6/29/2023 22:20	DOJ-ADS-0000069137	DOJ-ADS-0000069141	Google webpage titled "Inventory formats - Google Ad Manager Help"	
PTX1184	6/29/2023 22:39	DOJ-ADS-0000069147	DOJ-ADS-0000069147	Google webpage titled "Maximize revenue with Google Ad Manager and AdSense - Google Ad Manager Help"	
PTX1185	6/29/2023 22:39	DOJ-ADS-0000068939	DOJ-ADS-0000068941	Google webpage titled "Ad Exchange line items - Google Ad Manager Help"	
PTX1186	6/29/2023 22:45	DOJ-ADS-0000069148	DOJ-ADS-0000069148	Google webpage titled "Media purchase options on the Display Network - Google Ads Help"	
PTX1187	6/29/2023 22:47	DOJ-ADS-0000069124	DOJ-ADS-0000069127	Google webpage titled "How Open Bidding works - Google Ad Manager Help"	
PTX1188	7/12/2023 21:28	GOOG-AT-MDL-008930621	GOOG-AT-MDL-008930628	Alphabet presentation	Confidential
PTX1189	7/14/2023 19:37	GOOG-AT-MDL-008930806	GOOG-AT-MDL-008930823	Alphabet presentation	Confidential
PTX1190	8/2/2023 20:57	GOOG-AT-MDL-009013129	GOOG-AT-MDL-009013137	Google document	Confidential
PTX1191	8/2/2023 20:57	GOOG-AT-MDL-009013186	GOOG-AT-MDL-009013191	Google presentation	Confidential
PTX1192	8/3/2023 16:29	GOOG-AT-MDL-009013736	GOOG-AT-MDL-009013739	Google document	Confidential
PTX1193	8/4/2023 0:00	GOOG-AT-MDL-008842393	GOOG-AT-MDL-008842406	Google document	Highly Confidential
PTX1194	8/24/2023 19:15	GOOG-AT-MDL-009589764	GOOG-AT-MDL-009589767	Google document	Highly Confidential
PTX1195	8/31/2023 0:00	GOOG-AT-MDL-009644649	GOOG-AT-MDL-009644649	Launch ID Rasta Screenshot	Highly Confidential
PTX1196	9/12/2023			EY, "Financial Reporting Developments - Revenue from Contracts with Customers (ASC 606)"	
PTX1197	11/16/2023			Financial Accounting Foundation, "606 Revenue from Contracts with Customers"	
PTX1198	12/1/2023 0:00	GOOG-AT-MDL-019567386	GOOG-AT-MDL-019567393	Google document	Highly Confidential
PTX1199	12/22/2023			Figure 4, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1200	12/22/2023			Figure 5, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1201	12/22/2023			Figure 6, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1202	12/22/2023			Figure 7, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1203	12/22/2023			Figure 8, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1204	12/22/2023			Figure 14, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1205	12/22/2023			Figure 15, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1206	12/22/2023			Figure 16, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1207	12/22/2023			Figure 17, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1208	12/22/2023			Figure 18, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1209	12/22/2023			Figure 19, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1210	12/22/2023			Figure 20, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1211	12/22/2023			Figure 21, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1212	12/22/2023			Figure 22, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1213	12/22/2023			Figure 25, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1214	12/22/2023			Figure 26, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1215	12/22/2023			Figure 27, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1216	12/22/2023			Figure 28, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1217	12/22/2023			Figure 29, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1218	12/22/2023			Figure 35, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1219	12/22/2023			Figure 36, Initial Expert Report of Timothy Simcoe	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1220	12/22/2023			Figure 37, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1221	12/22/2023			Figure 38, Initial Expert Report of Timothy Simcoe	Highly Confidential
PTX1222	12/22/2023			Figure 13, Initial Expert Report of Thomas Respass	Highly Confidential
PTX1223	12/22/2023			Figure 15, Initial Expert Report of Thomas Respass	Highly Confidential
PTX1224	12/22/2023			Figure 28, Initial Expert Report of Thomas Respass	Highly Confidential
PTX1225	12/22/2023			Figure 30, Initial Expert Report of Thomas Respass	Highly Confidential
PTX1226	12/22/2023			Figure 31, Initial Expert Report of Thomas Respass	Highly Confidential
PTX1227	12/22/2023			Figure 23, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1228	12/22/2023			Figure 31, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1229	12/22/2023			Figure 32, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1230	12/22/2023			Figure 34, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1231	12/22/2023			Figure 35, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1232	12/22/2023			Figure 36, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1233	12/22/2023			Figure 51, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1234	12/22/2023			Figure 37, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1235	12/22/2023			Figure 38, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1236	12/22/2023			Figure 45, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1237	12/22/2023			Figure 47, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1238	12/22/2023			Figure 48, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1239	12/22/2023			Figure 49, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1240	12/22/2023			Figure 50, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1241	12/22/2023			Figure 54, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1242	12/22/2023			Figure 55, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1243	12/22/2023			Figure 56, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1244	12/22/2023			Figure 57, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1245	12/22/2023			Figure 66, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1246	12/22/2023			Figure 67, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1247	12/22/2023			Figure 73, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1248	12/22/2023			Figure 74, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1249	12/22/2023			Figure 78, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1250	12/22/2023			Figure 80, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1251	12/22/2023			Figure 81, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1252	12/22/2023			Figure 82, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1253	12/22/2023			Figure 83, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1254	12/22/2023			Figure 84, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1255	12/22/2023			Figure 85, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1256	12/22/2023			Figure 86, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1257	12/22/2023			Figure 87, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1258	12/22/2023			Figure 88, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1259	12/22/2023			Figure 89, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1260	12/22/2023			Figure 90, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1261	12/22/2023			Figure 91, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1262	12/22/2023			Figure 92, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1263	12/22/2023			Figure 93, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1264	12/22/2023			Figure 94, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1265	12/22/2023			Figure 95, Initial Expert Report of Robin S. Lee	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1266	12/22/2023			Figure 96, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1267	12/22/2023			Figure 97, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1268	12/22/2023			Figure 98, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1269	12/22/2023			Figure 99, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1270	12/22/2023			Figure 100, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1271	12/22/2023			Figure 101, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1272	12/22/2023			Figure 102, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1273	12/22/2023			Figure 103, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1274	12/22/2023			Figure 104, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1275	12/22/2023			Figure 105, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1276	12/22/2023			Figure 106, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1277	12/22/2023			Figure 107, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1278	12/22/2023			Figure 108, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1279	12/22/2023			Figure 109, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1280	12/22/2023			Figure 110, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1281	12/22/2023			Figure 111, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1282	12/22/2023			Figure 112, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1283	12/22/2023			Figure 113, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1284	12/22/2023			Figure 114, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1285	12/22/2023			Figure 115, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1286	12/22/2023			Figure 116, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1287	12/22/2023			Figure 117, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1288	12/22/2023			Figure 118, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1289	12/22/2023			Figure 119, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1290	12/22/2023			Figure 120, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1291	12/22/2023			Figure 121, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1292	12/22/2023			Figure 122, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1293	12/22/2023			Figure 123, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1294	12/22/2023			Figure 124, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1295	12/22/2023			Figure 125, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1296	12/22/2023			Figure 126, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1297	12/22/2023			Figure 127, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1298	12/22/2023			Figure 128, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1299	12/22/2023			Figure 129, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1300	12/22/2023			Figure 130, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1301	12/22/2023			Figure 131, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1302	12/22/2023			Figure 132, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1303	12/22/2023			Figure 133, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1304	12/22/2023			Figure 134, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1305	12/22/2023			Figure 135, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1306	12/22/2023			Figure 137, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1307	12/22/2023			Figure 138, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1308	12/22/2023			Figure 139, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1309	12/22/2023			Figure 140, Initial Expert Report of Robin S. Lee	Highly Confidential
PTX1310	12/22/2023			Figure 30, Initial Expert Report of Rosa Abrantes-Metz	Highly Confidential
PTX1311	12/22/2023			Figure 31, Initial Expert Report of Rosa Abrantes-Metz	Highly Confidential

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PTX1312	12/22/2023			Figure 4, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1313	12/22/2023			Figure 5, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1314	12/22/2023			Figure 6, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1315	12/22/2023			Figure 7, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1316	12/22/2023			Figure 8, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1317	12/22/2023			Figure 9, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1318	12/22/2023			Figure 10, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1319	12/22/2023			Figure 11, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1320	12/22/2023			Figure 12, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1321	12/22/2023			Figure 13, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1322	12/22/2023			Figure 14, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1323	12/22/2023			Figure 15, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1324	12/22/2023			Figure 16, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1325	12/22/2023			Figure 17, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1326	12/22/2023			Table 1, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1327	12/22/2023			Table 2, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1328	12/22/2023			Table 3, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1329	12/22/2023			Table 4, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1330	12/22/2023			Table 5, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1331	12/22/2023			Table 6, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1332	12/22/2023			Table 7, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1333	12/22/2023			Table 8, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1334	12/22/2023			Table 9, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1335	12/22/2023			Table 10, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1336	12/22/2023			Table 11, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1337	12/22/2023			Table 12, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1338	12/22/2023			Table 13, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1339	12/22/2023			Table 1 of Appendix D, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1340	9/27/2017 4:52	GOOG-TEX-00832175	GOOG-TEX-00832178	Email from Nitish Korula to Vahab Mirrokni et al.	Highly Confidential
PTX1341	12/22/2023			Figure 2 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1342	12/22/2023			Figure 3 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1343	12/22/2023			Figure 5 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1344	12/22/2023			Figure 6 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1345	12/22/2023			Figure 7 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1346	12/22/2023			Figure 8 of Appendix E, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1347	12/22/2023			Table 1 of Appendix F, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1348	12/22/2023			Figure 1 of Appendix F, Initial Expert Report of Gabriel Weintraub	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1349	12/22/2023			Figure 2 of Appendix F, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1350	12/22/2023			Figure 3 of Appendix F, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1351	12/22/2023			Figure 4 of Appendix F, Initial Expert Report of Gabriel Weintraub	Highly Confidential
PTX1352	2/6/2024 21:27	GOOG-AT-MDL-B-005171156	GOOG-AT-MDL-B-005171158	Google document	Confidential
PTX1353	2/13/2024			Figure 7, Rebuttal Expert Report of Kenneth Wilbur	Highly Confidential
PTX1354	2/13/2024			Figure 9, Rebuttal Expert Report of Kenneth Wilbur	Highly Confidential
PTX1355	2/13/2024			Figure 2, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1356	2/13/2024			Figure 3, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1357	2/13/2024			Figure 4, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1358	2/13/2024			Figure 5, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1359	2/13/2024			Figure 7, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1360	2/13/2024			Figure 8, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1361	2/13/2024			Figure 9, Rebuttal Expert Report of Wayne Hoyer	Highly Confidential
PTX1362	2/13/2024			Figure 1, Rebuttal Expert Report Timothy Simcoe	Highly Confidential
PTX1363	2/13/2024			Figure 2, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1364	2/13/2024			Figure 3, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1365	2/13/2024			Figure 4, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1366	2/13/2024			Figure 5, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1367	2/13/2024			Figure 6, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1368	2/13/2024			Figure 7, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1369	2/13/2024			Figure 8, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1370	2/13/2024			Figure 9, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1371	2/13/2024			Figure 10, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1372	2/13/2024			Figure 11, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1373	2/13/2024			Figure 12, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1374	2/13/2024			Figure 13, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1375	2/13/2024			Figure 14, Rebuttal Expert Report of Timothy Simcoe	Highly Confidential
PTX1376	2/13/2024			Figure 1, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1377	2/13/2024			Figure 2, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1378	2/13/2024			Figure 5, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1379	2/13/2024			Figure 6, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1380	2/13/2024			Figure 7, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1381	2/13/2024			Figure 8, Rebuttal Expert Report of Adoria Lim	Highly Confidential
PTX1382	2/13/2024			Figure 10, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1383	2/13/2024			Figure 12, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1384	2/13/2024			Figure 13, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1385	2/13/2024			Figure 14, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1386	2/13/2024			Figure 15, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1387	2/13/2024			Figure 16, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1388	2/13/2024			Figure 17, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1389	2/13/2024			Figure 18, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1390	2/13/2024			Figure 22, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1391	2/13/2024			Figure 23, Rebuttal Expert Report of Robin Lee	Highly Confidential

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Plaintiffs' Trial Exhibit List

Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1392	2/13/2024			Figure 25, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1393	2/13/2024			Figure 26, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1394	2/13/2024			Figure 27, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1395	2/13/2024			Figure 28, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1396	2/13/2024			Figure 29, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1397	2/13/2024			Figure 30, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1398	2/13/2024			Figure 31, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1399	2/13/2024			Figure 32, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1400	2/13/2024			Figure 33, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1401	2/13/2024			Figure 34, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1402	2/13/2024			Figure 35, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1403	2/13/2024			Figure 36, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1404	2/13/2024			Figure 38, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1405	2/13/2024			Figure 39, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1406	2/13/2024			Figure 40, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1407	2/13/2024			Figure 41, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1408	2/13/2024			Figure 42, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1409	2/13/2024			Figure 43, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1410	2/13/2024			Figure 46, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1411	2/13/2024			Figure 47, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1412	2/13/2024			Figure 48, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1413	2/13/2024			Figure 49, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1414	2/13/2024			Figure 50, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1415	2/13/2024			Figure 51, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1416	2/13/2024			Figure 52, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1417	2/13/2024			Figure 53, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1418	2/13/2024			Figure 54, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1419	2/13/2024			Figure 55, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1420	2/13/2024			Figure 56, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1421	2/13/2024			Figure 57, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1422	2/13/2024			Figure 58, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1423	2/13/2024			Figure 59, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1424	2/13/2024			Figure 60, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1425	2/13/2024			Figure 62, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1426	2/13/2024			Figure 63, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1427	2/13/2024			Figure 64, Rebuttal Expert Report of Robin Lee	Highly Confidential
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PTX1429	2/13/2024			Figure 66, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1430	2/13/2024			Figure 67, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1431	2/13/2024			Figure 68, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1432	2/13/2024			Figure 69, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1433	2/13/2024			Figure 70, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1434	2/13/2024			Figure 71, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1435	2/13/2024			Figure 72, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1436	2/13/2024			Figure 73, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1437	2/13/2024			Figure 74, Rebuttal Expert Report of Robin Lee	Highly Confidential

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PTX1438	2/13/2024			Figure 75, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1439	2/13/2024			Figure 76, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1440	2/13/2024			Figure 77, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1441	2/13/2024			Figure 79, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1442	2/13/2024			Figure 80, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1443	2/13/2024			Figure 81, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1444	2/13/2024			Figure 82, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1445	2/13/2024			Figure 83, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1446	2/13/2024			Figure 84, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1447	2/13/2024			Figure 85, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1448	2/13/2024			Figure 86, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1449	2/13/2024			Figure 87, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1450	2/13/2024			Figure 88, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1451	2/13/2024			Figure 89, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1452	2/13/2024			Figure 90, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1453	2/13/2024			Figure 91, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1454	2/13/2024			Figure 92, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1455	2/13/2024			Figure 93, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1456	2/13/2024			Figure 94, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1457	2/13/2024			Figure 95, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1458	2/13/2024			Figure 96, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1459	2/13/2024			Figure 97, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1460	2/13/2024			Figure 98, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1461	2/13/2024			Figure 99, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1462	2/13/2024			Figure 100, Rebuttal Expert Report of Robin Lee	Highly Confidential
PTX1463	2/13/2024			Figure 1, Rebuttal Expert Report of Rosa Abrantes-Metz	Highly Confidential
PTX1464	2/13/2024			Figure 1, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1465	2/13/2024			Figure 2, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1466	2/13/2024			Figure 3, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1467	2/13/2024			Figure 4, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1468	2/13/2024			Table 1, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1469	2/13/2024			Table 2, Rebuttal Expert of Gabriel Weintraub	Highly Confidential
PTX1470	2/13/2024			Table 3, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1471	2/13/2024			Table 4, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1472	2/13/2024			Figure 1 of Appendix C, Rebuttal Expert Report of Gabriel Weintraub	Highly Confidential
PTX1473	3/4/2024			Figure 1, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1474	3/4/2024			Figure 2, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1475	3/4/2024			Figure 3, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1476	3/4/2024			Figure 4, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1477	3/4/2024			Figure 5, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1478	3/4/2024			Figure 6, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1479	3/4/2024			Figure 7, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1480	3/4/2024			Figure 8, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1481	3/4/2024			Figure 9, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1482	3/4/2024			Figure 10, Supplemental Expert Report of Robin S. Lee	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1483	3/4/2024			Figure 11, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1484	3/4/2024			Figure 12, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1485	3/4/2024			Figure 13, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1486	3/4/2024			Figure 14, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1487	3/4/2024			Figure 15, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1488	3/4/2024			Figure 16, Supplemental Expert Report of Robin S. Lee	Highly Confidential
PTX1489	9/19/2019 18:28	GOOG-DOJ-32061391	GOOG-DOJ-32061392	Email from Nitish Korula to Rahul Srinivasan	Confidential
PTX1490	9/14/2018 18:03	GOOG-DOJ-07956052	GOOG-DOJ-07956053	Email from Chris LaSala to Brendon Kraham et al.	Highly Confidential
PTX1491	4/5/2024 19:02	GOOG-DOJ-04442217	GOOG-DOJ-04442236	Google document	Confidential
PTX1492	5/2/2024 22:48	GOOG-AT-MDL-B-005112788	GOOG-AT-MDL-B-005112791	Google document	Confidential
PTX1493	4/5/2007 1:01	MSFT-0000008546	MSFT-0000008572	Microsoft presentation	Highly Confidential
PTX1494	5/22/2023			2023.05.22 Google Objections to Plaintiffs' Fourth RFPs - CONFIDENTIAL	Confidential
PTX1495	11/10/2011 2:28	GOOG-DOJ-11899167	GOOG-DOJ-11899225	Email from rev-team@google.com on behalf of Rikard Lindquist to madsteam@google.com et al., with attachments	Highly Confidential
PTX1496	2/5/2012 4:25	OPENX-00003791	OPENX-00003810	OpenX presentation	Confidential
PTX1497	8/16/2013 21:49	GOOG-DOJ-09916600	GOOG-DOJ-09916600	Email from Scott Spencer to Cyrus Beagley et al.	Highly Confidential
PTX1498	9/19/2013 11:13	OPENX-00013460	OPENX-00013471	OpenX presentation	Confidential
PTX1499	10/11/2013 1:29	OPENX-00013145	OPENX-00013148	OpenX document	Highly Confidential
PTX1500	11/5/2013 11:49	OPENX-00000001	OPENX-00000082	OpenX presentation	Highly Confidential
PTX1501	11/15/2013 12:40	OPENX-00013601	OPENX-00013625	Email from John Gentry to Tim Cadogan, with attachment	Highly Confidential
PTX1502	12/3/2013 21:53	OPENX-00013626	OPENX-00013636	OpenX presentation	Highly Confidential
PTX1503	12/6/2013 19:28	OPENX-00013598	OPENX-00013600	Email from Tim Cadogan to Nino Marakovic et al.	Highly Confidential
PTX1504	2/28/2014 0:00	COM-CID-00252865	COM-CID-00252895	Email from Carissa Kidd to Robert Drucker et al., with attachment	Confidential
PTX1505	7/9/2014 14:44	FBDOJ001489822	FBDOJ001489823	Email from Mike Hudack to Mark Zuckerberg et al.	Confidential
PTX1506	9/2/2014 19:01	OPENX-00013637	OPENX-00013645	OpenX document	Highly Confidential
PTX1507	12/2/2014 14:31	GOOG-DOJ-09250413	GOOG-DOJ-09250417	Email from Jonathan Bellack to Sara Walsh et al.	Highly Confidential
PTX1508	12/10/2014 14:07	GOOG-AT-MDL-B-001628420	GOOG-AT-MDL-B-001628428	Email from xfp-optimization-tech@google.com on behalf of Martin Pal to Vahab Mirrokni et al.	Confidential
PTX1509	12/13/2014 0:10	GOOG-AT-MDL-B-002610033	GOOG-AT-MDL-B-002610034	Email from xfp-optimization-tech@google.com on behalf of Bahman Rabbii to Martin Pal et al.	Confidential
PTX1510	12/16/2014 17:07	GOOG-DOJ-03546944	GOOG-DOJ-03546947	Email from Scott Silver to Eisar Lipkovitz et al.	Highly Confidential
PTX1511	12/17/2014 23:29	GOOG-DOJ-07810467	GOOG-DOJ-07810467	Email from Tobias Maurer to Brad Bender	Highly Confidential
PTX1512	1/12/2015 14:37	OPENX-00003073	OPENX-00003083	OpenX presentation	Confidential
PTX1513	1/13/2015 17:24	GOOG-DOJ-07810578	GOOG-DOJ-07810593	Google presentation	Highly Confidential
PTX1514	1/30/2015 17:14	GOOG-AT-MDL-B-001387353	GOOG-AT-MDL-B-001387357	Email from drx-eng-mgrs@google.com on behalf of Martin Pal to Drew Bradstock et al.	Confidential
PTX1515	2/5/2015 17:02	GOOG-AT-MDL-004059920	GOOG-AT-MDL-004059923	Email from Nitish Korula to Max Loubser et al.	Confidential
PTX1516	3/18/2015 17:09	GOOG-DOJ-14500160	GOOG-DOJ-14500162	Email from Drew Bradstock to Nicole Pruess et al.	Highly Confidential
PTX1517	3/25/2015 9:49	GOOG-DOJ-15182420	GOOG-DOJ-15182423	Google document	Highly Confidential
PTX1518	7/28/2015 19:31	OPENX-00001050	OPENX-00001066	OpenX presentation	Highly Confidential
PTX1519	8/18/2015 19:58	TTD_0009846	TTD_0009892	Email from Bennett Crumbling to TTD Employees, with attachment	Confidential
PTX1520	10/11/2016 15:12	GOOG-DOJ-14380845	GOOG-DOJ-14380845	Email from Eisar Lipkovitz to Aparna Pappu	Highly Confidential
PTX1521	10/8/2015 0:39	GOOG-DOJ-15221042	GOOG-DOJ-15221080	Google presentation	Highly Confidential

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PTX1522	10/11/2015 19:29	GOOG-TEX-00091538	GOOG-TEX-00091543	Email from Jonathan Bellack to Scott Spencer et al.	Highly Confidential
PTX1523	12/12/2015 2:00	GANNETT_GOOG_0010190	GANNETT_GOOG_0010190	Email from Tim Wolfe to Dave Mir	Highly Confidential
PTX1524	1/29/2016 10:49	FBDOJGOOG_00124139	FBDOJGOOG_00124146	Email from Adam Davison to Zoheb Hajiyani et al., with attachments	Confidential
PTX1525	2/5/2016 11:55	OPENX-00004104	OPENX-00004124	OpenX presentation	Confidential
PTX1526	3/30/16	GOOG-ADTCH-00575720	GOOG-ADTCH-00575721	Email from Paul Muret to Jonathan Bellack	Highly Confidential
PTX1527	4/2016			Financial Accounting Standards Board document titled "Revenue from Contracts with Customers (Topic 606)"	
PTX1528	4/5/2016 18:19	GOOG-AT-MDL-B-001117566	GOOG-AT-MDL-B-001117568	Email from drx-quality@google.com on behalf of Martin Pal to Eu-Jin Goh et al.	Confidential
PTX1529	4/18/2016 19:08	DAN000021	DAN000026	Google presentation	Confidential
PTX1530	5/5/2016 4:46	FBDOJGOOG_00828926	FBDOJGOOG_00828930	Email from Narain Jhangiani-Jashanmal to Carolyn Everson et al., with attachment	Confidential
PTX1531	6/22/2016 10:54	AMZNDOJ0134960	AMZNDOJ0134961	Email from Miranda Chen to Matthew Battles et al.	Confidential
PTX1532	6/24/2016 0:00	GOOG-AT-MDL-B-004498126	GOOG-AT-MDL-B-004498155	Google presentation	Confidential
PTX1533	7/21/2016 10:11	OPENX-00007346	OPENX-00007381	OpenX presentation	Confidential
PTX1534	7/26/2016 22:45	TTD_0011744	TTD_0011762	Email from Jed Dederick to BD Strategists et al., with attachment	Confidential
PTX1535	8/9/2016 12:27	FBDOJGOOG_00784059	FBDOJGOOG_00784060	Email from Alvin Bowles to Brian Boland	Confidential
PTX1536	8/12/2016 9:37	FBDOJGOOG_00038404	FBDOJGOOG_00038406	Email from Swarna Kakodkar to Erwin Castellanos et al.	Confidential
PTX1537	9/2/2016 14:41	GOOG-AT-MDL-B-001119624	GOOG-AT-MDL-B-001119625	Email from Martin Pal to Nitish Korula et al.	Confidential
PTX1538	9/5/16	GOOG-ADTCH-00581029	GOOG-ADTCH-00581042	Email from Eisar Lipkovitz to Jonathan Bellack et al.	Highly Confidential
PTX1539	9/20/2016 1:44	GOOG-DOJ-14156104	GOOG-DOJ-14156107	Email from Nitish Korula to Tobias Maurer et al.	Highly Confidential
PTX1540	10/3/2016 14:06	FBDOJ012559571	FBDOJ012559602	Facebook presentation	Confidential
PTX1541	10/7/2016 12:54	GOOG-AT-MDL-B-001120812	GOOG-AT-MDL-B-001120814	Email from Martin Pal to Jim Giles et al.	Confidential
PTX1542	10/13/2016 15:53	FBDOJGOOG_00276825	FBDOJGOOG_00276831	Email from Swarna Kakodkar to David Jakubowski et al.	Confidential
PTX1543	10/17/2016 23:26	GOOG-TEX-00002601	GOOG-TEX-00002605	Email from Jonathan Bellack to Aparna Pappu	Highly Confidential
PTX1544	10/24/2016 16:22	FBDOJGOOG_00857922	FBDOJGOOG_00857926	Email from John Donahue to David Jakubowski, with attachments	Confidential
PTX1545	11/7/2016 18:37	GOOG-DOJ-13546142	GOOG-DOJ-13546148	Email from Nirmal Jayaram to David Maymudes et al.	Highly Confidential
PTX1546	12/19/2016 12:06	FBDOJ012327277	FBDOJ012327291	Email from Francesca Pignataro to Henry Erskine Crum et al., with attachment	Confidential
PTX1547	1/3/2017 22:16	GOOG-TEX-00121159	GOOG-TEX-00121174	Email from Chris Harris to Eisar Lipkovitz et al.	Highly Confidential
PTX1548	1/6/2017 13:44	GOOG-AT-MDL-B-001123902	GOOG-AT-MDL-B-001123903	Email from Martin Pal to Jim Giles et al.	Confidential
PTX1549	2/15/2017 17:08	FBDOJ010863645	FBDOJ010863662	Facebook document	Confidential
PTX1550	2/28/2017 1:15	FBDOJGOOG_01111517	FBDOJGOOG_01111547	Facebook presentation	Confidential
PTX1551	3/3/2017 12:57	GOOG-DOJ-13391555	GOOG-DOJ-13391559	Email from Martin Pal to Gargi Sur et al.	Highly Confidential
PTX1552	3/7/2017 3:43	FBDOJ003476860	FBDOJ003476861	Email from David Jakubowski to Brian Boland, with attachment	Confidential
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PTX1554	3/16/2017 17:19	FBDOJGOOG_00780829	FBDOJGOOG_00780831	Facebook document	Confidential
PTX1555	3/21/2017 11:51	FBDOJGOOG_00861213	FBDOJGOOG_00861214	Email from David Jakubowski to Caroline Couvillon	Confidential
PTX1556	3/31/17 12:34			AdExchanger article titled "Google Removes Its 'Last Look' Auction Advantage," by Sarah Sluis	
PTX1557	4/7/2017 15:29	OPENX-00003677	OPENX-00003700	OpenX presentation	Confidential
PTX1558	4/19/2017 23:00	GOOG-DOJ-07252312	GOOG-DOJ-07252316	Email from Martin Pal to Duke Dukellis et al.	Highly Confidential

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PTX1559	5/20/2017 1:48	GOOG-DOJ-13557289	GOOG-DOJ-13557290	Email from Maria Hui to Ali Amini et al.	Highly Confidential
PTX1560	6/27/2017 22:42	OPENX-00001093	OPENX-00001119	OpenX presentation	Highly Confidential
PTX1561	7/13/2017 0:00	CRITEO GOOGLELIT_0000015509	CRITEO GOOGLELIT_0000015556	Criteo presentation	Highly Confidential
PTX1562	7/14/2017 0:00	ATT-GCID-00000001	ATT-GCID-00000098	AT&T document	Highly Confidential
PTX1563	7/25/2017 1:51	FBDOJGOOG_00779705	FBDOJGOOG_00779742	Facebook document	Confidential
PTX1564	7/26/2017 16:29	GOOG-AT-MDL-B-001130098	GOOG-AT-MDL-B-001130098	Email from Jim Giles to Martin Pal et al.	Confidential
PTX1565	8/1/2017 12:17	FBDOJ012304337	FBDOJ012304337	Email from Swarna Kakodkar to Brian Boland et al.	Confidential
PTX1566	8/3/2017 10:55	FBDOJ012387658	FBDOJ012387658	Email from Swarna Kakodkar to David Jakubowski et al.	Confidential
PTX1567	9/24/2017 10:40	FBDOJGOOG_00855903	FBDOJGOOG_00855906	Email from David Jakubowski to Henry Erskine Crum et al., with attachment	Confidential
PTX1568		INTENTIONALLY OMITTED PTX			
PTX1569	10/12/2017 10:21	GOOG-AT-MDL-B-001132777	GOOG-AT-MDL-B-001132782	Email from Martin Pal to Nitish Korula et al.	Confidential
PTX1570	10/20/2017 13:41	GOOG-AT-MDL-B-002168049	GOOG-AT-MDL-B-002168052	Email from Jim Giles to Martin Pal et al.	Confidential
PTX1571	10/30/2017 7:59	FBDOJ012376039	FBDOJ012376040	Email from John Wren to Savina Velkova et al.	Confidential
PTX1572	12/18/2017 0:00	FBDOJ012979686	FBDOJ012979701	Facebook document	Confidential
PTX1573	1/3/2018 15:22	OPENX-00000682	OPENX-00000719	OpenX presentation	Highly Confidential
PTX1574	1/23/2018 22:19	AMZNDOJ0120916	AMZNDOJ0120921	Email from Ken Leeder to Ken Leeder, with attachment	Confidential
PTX1575		INTENTIONALLY OMITTED PTX			
PTX1576	2/8/2018 5:35	FBDOJ003189143	FBDOJ003189145	Email from Henry Eskrine Crum to Dan Rose et al.	Confidential
PTX1577	2/8/2018 5:45	FBDOJGOOG_00744539	FBDOJGOOG_00744541	Email from Dan Rose to Henry Eskrine Crum et al.	Confidential
PTX1578	2/8/2018 13:55	FBDOJGOOG_00954175	FBDOJGOOG_00954177	Email from Stephanie Wang to Henry Eskrine Crum	Confidential
PTX1579	2/27/2018 4:29	FBDOJGOOG_00499093	FBDOJGOOG_00499112	Email from Henry Eskrine Crum to Sheryl Sandberg et al., with attachments	Confidential
PTX1580		INTENTIONALLY OMITTED PTX			
PTX1581		INTENTIONALLY OMITTED PTX			
PTX1582		INTENTIONALLY OMITTED PTX			
PTX1583	3/5/2018 8:35	FBDOJ009471990	FBDOJ009471991	Email from David Jakubowski to Dan Rose et al.	Confidential
PTX1584	3/11/2018 15:56	FBDOJGOOG_00251811	FBDOJGOOG_00251814	Email from Ami Vora to Yoav Arstein et al.	Confidential
PTX1585	3/15/2018 23:36	GOOG-AT-MDL-014302168	GOOG-AT-MDL-014302171	Email from Nimral Jayaram to Max Lin et al.	Confidential
PTX1586	3/16/2018 11:55	GOOG-AT-MDL-012206646	GOOG-AT-MDL-012206649	Email from Martin Pal to Ali Nasiri Amini et al.	Highly Confidential
PTX1587	3/16/2018 18:05	GOOG-TEX-00085512	GOOG-TEX-00085514	Email from Payam Shodjai to Brad Bender	Highly Confidential
PTX1588	3/19/2018 13:05	FBDOJGOOG_00274747	FBDOJGOOG_00274752	Email from Sheryl Sandberg to Dan Rose et al.	Confidential
PTX1589	3/19/2018 15:47	FBDOJGOOG_00991924	FBDOJGOOG_00991973	Facebook presentation and spreadsheet	Confidential
PTX1590	5/10/2018 17:56	GOOG-DOJ-04725104	GOOG-DOJ-04725108	Email from Ajay Bangla to Nimral Jayaram et al.	Highly Confidential
PTX1591	5/11/2018 14:59	GOOG-AT-MDL-B-001143446	GOOG-AT-MDL-B-001143446	Email from Nitish Korula to Martin Pal et al.	Confidential
PTX1592	6/4/2018 0:00	FBDOJGOOG_01176330	FBDOJGOOG_01176373	Facebook document	Confidential
PTX1593	6/4/2018 13:50	FBDOJ013017855	FBDOJ013017893	Facebook document	Confidential
PTX1594	6/6/2018 10:18	FBDOJGOOG_00791595	FBDOJGOOG_00791596	Message from Henry Eskrine Crum to Brian Boland	Confidential
PTX1595	8/2/2018 11:42	GOOG-AT-MDL-B-002168567	GOOG-AT-MDL-B-002168570	Email from Martin Pal to Nimral Jayaram et al.	Confidential
PTX1596	9/26/2018 16:02	GOOG-AT-MDL-019425293	GOOG-AT-MDL-019425295	Google document	Confidential
PTX1597	9/28/2018 2:31	FBDOJ012641326	FBDOJ012641373	Facebook document	Confidential
PTX1598	10/2/2018 0:00	CRI-00000149	CRI-00000162	Criteo document	Confidential
PTX1599	11/15/2018 19:18	GOOG-AT-MDL-B-001296996	GOOG-AT-MDL-B-001296996	Email from Alex Shellhammer to Jonathan Meltzer	Confidential
PTX1600	11/21/2018 10:18	OPENX-00006011	OPENX-00006011	Email from Tim Cadogan to Sam Cox	Confidential
PTX1601	12/3/2018 20:24	OPENX-00002175	OPENX-00002207	OpenX presentation	Highly Confidential
PTX1602	12/5/2018 22:39	GOOG-DOJ-07832462	GOOG-DOJ-07832466	Email from David Maymudes to Roshan Khan et al.	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1603	12/13/2018 22:32	MSFT-LIT-0000002972	MSFT-LIT-0000003007	Microsoft presentation	Highly Confidential
PTX1604	3/19/2019 21:04	OPENX-00001996	OPENX-00002042	OpenX presentation	Highly Confidential
PTX1605	4/22/2019 16:20	GOOG-DOJ-13494286	GOOG-DOJ-13494294	Google presentation	Highly Confidential
PTX1606	4/22/2019 18:08	DM GOOG 0010492	DM GOOG 0010494	Email from Matthew Wheatland to Richard Caccappolo	Highly Confidential
PTX1607	4/24/2019 19:36	RUBICON-00001139	RUBICON-00001141	Email from Todd Smith to Mark Balababian et al.	Highly Confidential
PTX1608		INTENTIONALLY OMITTED PTX			
PTX1609	5/29/2019 10:21	DM GOOG 0001014	DM GOOG 0001014	Email from Hannah Buitekant to Adam Leslie et al.	Highly Confidential
PTX1610	7/1/2019 0:00	RUBICON-00000102	RUBICON-00000155	Rubicon document	Highly Confidential
PTX1611	7/20/2019 14:26	GOOG-DOJ-03047055	GOOG-DOJ-03047076	Google presentation	Highly Confidential
PTX1612		INTENTIONALLY OMITTED PTX			
PTX1613	7/29/2019 7:23	FBDOJGOOG 01000317	FBDOJGOOG 01000345	Facebook presentation	Confidential
PTX1614	8/8/2019 21:15	GOOG-DOJ-11726308	GOOG-DOJ-11726359	Google presentation	Highly Confidential
PTX1615	9/4/2019 0:00	NEWSCORP-DOJCID-00001570	NEWSCORP-DOJCID-00001582	Newscorp presentation	Confidential
PTX1616	9/9/2019 0:00	PUBMATIC DOJ-00000041	PUBMATIC DOJ-00000069	Pubmatic document	Highly Confidential
PTX1617	9/10/2019 23:40	KVL00000989	KVL00000994	Email from James Avery to Dave Paresh et al.	Highly Confidential
PTX1618	9/14/2019 18:23	GOOG-DOJ-AT-00572966	GOOG-DOJ-AT-00572967	Email from Ajay Bangla to Nirmal Jayaram	Highly Confidential
PTX1619	9/17/2019 9:07	VZGGL-CID-00000001	VZGGL-CID-00000062	Verizon document	Highly Confidential
PTX1620	10/9/2019 15:36	FBDOJGOOG 01131238	FBDOJGOOG 01131247	Email from Sean Ryan to Gianluca Pucacco, with attachment	Confidential
PTX1621	10/14/2019 0:00	PUBMATIC DOJ-00012158	PUBMATIC DOJ-00012158	Email from Samsuddin Ahmed to Amar Goel et al.	Confidential
PTX1622	10/14/2019 21:23	GOOG-DOJ-06885161	GOOG-DOJ-06885170	Google document	Confidential
PTX1623	10/18/2019 19:04	IPG-ADTECH 002361	IPG-ADTECH 002388	Google document	Confidential
PTX1624	10/19/2019 16:35	GOOG-DOJ-03034316	GOOG-DOJ-03034362	Google presentation	Highly Confidential
PTX1625	10/28/2019 17:15	GOOG-AT-MDL-007027432	GOOG-AT-MDL-007027435	Email from Chris LaSala to Jonathon Wong et al.	Confidential
PTX1626	10/29/2019 0:00	ATT-GCID-00000680	ATT-GCID-00000711	Xandr document	Highly Confidential
PTX1627	10/31/2019 13:20	VZGGL-CID-00001216	VZGGL-CID-00001276	Verizon document	Highly Confidential
PTX1628	11/14/2019 14:47	ATT-GCID-00111192	ATT-GCID-00111288	AT&T presentations	Confidential
PTX1629	12/4/2019 22:13	GOOG-DOJ-06886033	GOOG-DOJ-06886060	Google presentation	Highly Confidential
PTX1630	12/7/2019 6:09	NEWSCORP-DOJCID-00002436	NEWSCORP-DOJCID-00002486	NewsCorp presentation	Confidential
PTX1631	1/24/2020 2:39	GOOG-DOJ-15158868	GOOG-DOJ-15158869	Email from Nitish Korula to Steven Shin et al.	Highly Confidential
PTX1632	2/13/2020 4:47	GOOG-AT-MDL-003810424	GOOG-AT-MDL-003810431	Google presentation	Confidential
PTX1633	2/18/2020 13:10	DM GOOG 0058123	DM GOOG 0058138	Email from Matthew Wheatland to Feifan Chen et al., with attachment	Highly Confidential
PTX1634	2/18/2020 15:25	DM GOOG 0027446	DM GOOG 0027448	Email from Matthew Wheatland to Richard Caccappolo et al.	Highly Confidential
PTX1635	3/17/2020 15:56	GOOG-DOJ-AT-02162134	GOOG-DOJ-AT-02162142	Google document	Highly Confidential
PTX1636	3/19/2020 18:50	DM GOOG 0058021	DM GOOG 0058025	Email from Matthew Wheatland to Feifan Chen	Highly Confidential
PTX1637	3/31/2020 6:08	AMZNDOJ0075289	AMZNDOJ0075296	Email from Matthew Battles to Cem Sibay et al.	Confidential
PTX1638	3/31/2020 14:23	OPENX-00001445	OPENX-00001501	OpenX presentation	Highly Confidential
PTX1639	4/9/2020 0:00	RUBICON-00000094	RUBICON-00000098	Rubicon document	Confidential
PTX1640	4/17/2020 10:54	DM GOOG 0058016	DM GOOG 0058020	Email from Matthew Wheatland to Richard Caccappolo et al.	Highly Confidential
PTX1641	5/6/2020 9:33	GOOG-AT-MDL-010657378	GOOG-AT-MDL-010657383	Email from Rikke Riber Rasmussen to Hal Varian	Confidential
PTX1642	5/25/2020 23:54	NEWSCORP-DOJCID-00003193	NEWSCORP-DOJCID-00003318	NewsCorp document	Confidential
PTX1643	5/26/2020 21:49	NEWSCORP-DOJCID-00026134	NEWSCORP-DOJCID-00026147	NewsCorp document	Confidential
PTX1644	5/27/2020 0:00	ATT-GCID-00000883	ATT-GCID-00000894	Xandr document	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1645	6/12/2020 3:46	FBDOJGOOG_00884328	FBDOJGOOG_00884329	Email from Ivan Kozhevnikov to Toby Wilkins et al., with attachment	Confidential
PTX1646	6/23/2020 16:22	GOOG-DOJ-AT-01510462	GOOG-DOJ-AT-01510482	Google presentation	Highly Confidential
PTX1647	7/3/2020 20:35	CRI-00000197	CRI-00000210	Criteo document	Confidential
PTX1648	7/13/2020 22:18	TTD_0000024	TTD_0000036	The Trade Desk document	Confidential
PTX1649	7/27/2020 23:31	MSFT-LIT-0000002193	MSFT-LIT-0000002260	Microsoft presentation	Highly Confidential
PTX1650	8/27/2020 15:48	TTD_0003039	TTD_0003058	The Trade Desk presentation	Confidential
PTX1651	8/27/2020 15:55	TTD_0005614	TTD_0005615	The Trade Desk document	Confidential
PTX1652	10/10/2020 6:27	GOOG-DOJ-AT-01917966	GOOG-DOJ-AT-01918008	Google presentation	Highly Confidential
PTX1653	2/1/2021 0:00	NEWSCORP GOOG_0002089	NEWSCORP GOOG_0002135	The European Commission document	Highly Confidential
PTX1654	2/1/2021 15:20	IPG-ADTECH_000012	IPG-ADTECH_000037	IPG Document	Confidential
PTX1655	2/26/2021 5:26	NIKE0000108	NIKE0000145	Nike presentation	Highly Confidential
PTX1656	3/3/2021			LinkedIn Profile of Woojin Kim	
PTX1657	12/22/2021 22:55	MSFT-LIT-0000039894	MSFT-LIT-0000039898	Microsoft document	Highly Confidential
PTX1658	2/2022			IAB document titled "IAB Europe's Guide to In-App Advertising"	
PTX1659	2/23/2022 14:25	MSFT-LIT-0000018503	MSFT-LIT-0000018503	Microsoft presentation	Highly Confidential
PTX1660	7/28/2022 0:00	EQUATIV-000000352	EQUATIV-000000414	Equativ presentation	Highly Confidential
PTX1661	8/2022			IAB document titled "Internet Advertising Revenue Report: Full-year 2022 results" Ad Format Guidelines for Digital Video and CTV"	
PTX1662	8/17/2022 14:06	GOOG-AT-MDL-002447434	GOOG-AT-MDL-002447462	Email from Tantee Karmakar to Kristen O'Hara et al., with attachment	Highly Confidential
PTX1663	10/11/2022 17:00	GOOG-AT-MDL-011120632	GOOG-AT-MDL-011120648	Google presentation	Confidential
PTX1664	1/2023			Bellack Central webpage titled "Why I Left Google"	
PTX1665	1/9/2023 15:39	GOOG-AT-MDL-002038381	GOOG-AT-MDL-002038387	Email from Casper Verhoofstad to Eden Adamu et al.	Highly Confidential
PTX1666	1/27/2023			2023.01.27 Tweet written	
PTX1667	1/30/2023 5:04			ABC News article titled "I'm still shocked: Tech workers offer insider account of mass layoffs," by Max Zahn and Nakylah Carter	
PTX1668	3/2023			The CMO Survey document titled "Managing Brand, Growth, and Metrics"	
PTX1669	3/27/2023 16:40	GOOG-AT-MDL-008285890	GOOG-AT-MDL-008286018	Google presentation	Highly Confidential
PTX1670	4/2023			IAB document titled "Internet Advertising Revenue Report: Full-year 2022 results"	
PTX1671	5/10/2023 0:00	MAGNITE-00013445	MAGNITE-00013492	Magnite presentation	Highly Confidential
PTX1672	5/10/2023 0:00	MAGNITE-00007152	MAGNITE-00007337	Magnite presentation	Highly Confidential
PTX1673	5/11/2023 0:00	EQUATIV-000000082	EQUATIV-000000089	Google document	Highly Confidential
PTX1674	6/2/2023 0:00	EQUATIV-000000001	EQUATIV-000000077	Google document	Highly Confidential
PTX1675	6/9/2023 2:15	GOOG-AT-MDL-013133551	GOOG-AT-MDL-013133577	Google presentation	Highly Confidential
PTX1676	6/14/2023 16:32	NEWSCORP GOOG_0000045	NEWSCORP GOOG_0000047	Email from Jennifer Castillo to Lyndsey Hayes et al.	Highly Confidential
PTX1677	6/15/2023 14:49	PBMTC-ANTRST-002691	PBMTC-ANTRST-002697	Pubmatic presentation	Confidential
PTX1678	6/15/2023 16:53	GOOG-AT-MDL-004300268	GOOG-AT-MDL-004300333	Google presentation	Confidential
PTX1679	6/23/2023 0:00	EQUATIV-0000000415	EQUATIV-0000000417	Email from Jesus Carrera to Ingrid Couason	Highly confidential
PTX1680	6/23/2023 0:00	EQUATIV-0000000422	EQUATIV-0000000423	Email from Arnaud Creput to Juan Manuel Alvarez et al.	Highly Confidential
PTX1681	6/23/2023 0:00	EQUATIV-0000000420	EQUATIV-0000000421	Email from Jesus Carrera to Arnaud Creput et al.	Highly Confidential

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Trial Exhibit Number	Date	Beg Bates	End Bates	Description	Confidentiality
PTX1682	6/24/2023 0:00	EQUATIV-000000090	EQUATIV-000000090	Equativ spreadsheet	Highly Confidential
PTX1683	6/24/2023 0:00	EQUATIV-000000091	EQUATIV-000000091	Equativ spreadsheet	Highly Confidential
PTX1684	6/26/2023			Crain Communications Inc. document titled "Ad Age Leading National Advertisers 2023: 200 biggest advertisers"	
PTX1685	7/11/2023 23:17	MSFT-LIT-0000080465	MSFT-LIT-0000080511	Microsoft document	Highly Confidential
PTX1686	7/11/2023 23:17	MSFT-LIT-0000081139	MSFT-LIT-0000081141	Email from Melanie A. Hallas to Marie-Madeleine Husunu	Highly Confidential
PTX1687	7/11/2023 23:17	MSFT-LIT-0000081051	MSFT-LIT-0000081138	Microsoft document	Highly Confidential
PTX1688	7/11/2023 23:17	MSFT-LIT-0000065451	MSFT-LIT-0000065484	Microsoft document	Highly Confidential
PTX1689	7/11/2023 23:17	MSFT-LIT-0000065419	MSFT-LIT-0000065450	Microsoft document	Highly Confidential
PTX1690	7/11/2023 23:28	MSFT-LIT-0000081451	MSFT-LIT-0000081483	Microsoft document	Highly Confidential
PTX1691	7/11/2023 23:28	MSFT-LIT-0000081374	MSFT-LIT-0000081404	Microsoft document	Highly Confidential
PTX1692	7/12/2023 16:39	YAH GG LIT 004590	YAH GG LIT 004595	Yahoo document	Highly Confidential
PTX1693	8/3/2023 17:22	NYTGOOGADTECH-000741	NYTGOOGADTECH-000784	New York Times Presentation	Highly Confidential
PTX1694	12/31/2023			X post written by Jonathan Bellack	
PTX1695	1/30/2024			Google.com webpage titled "Google Ad Manager Help - Help Center - About native ads"	
PTX1696	2/1/2024			Google.com webpage titled "Google Ads Help - Help Center - About video ad formats"	
PTX1697	2/1/2024			Google.com webpage titled "Updates to video publisher policy in 2024 - Publisher Policies Help"	
PTX1698	2/4/2024			Google.com webpage titled "Analytics Help - [GA4] Funnel exploration"	
PTX1699	2/13/2024			Amazon.com webpage titled "What is display advertising? A beginner's guide"	
PTX1700	2/13/2024			Amazon.com webpage titled "What is digital advertising? A beginner's guide"	
PTX1701	6/4/2024 9:25			Bellack Central webpage titled "Jonathan Bellack's Professional Experience"	
PTX1702	7/15/2020 0:00	Public-Newscorp-ATR001-00000010	Public-Newscorp-ATR001-00000012	NewCorp document	
PTX1703	7/12/2019 0:06	Public-Newscorp-ATR001-00000001	Public-Newscorp-ATR001-00000009	NewCorp document	
PTX1704	6/24/2024 16:31			Google webpage titled "Take Control of All Your Ad Sales - Google Ad Manager"	
PTX1705	6/24/2024 16:32			Google webpage titled "Generate Ad Exchange ad tags - Google Ad Manager Help"	
PTX1706	6/24/2024 16:32			Google webpage titled "Earn Advertising Revenue with Yield Management - Google Ad Manager"	
PTX1707	3/30/2015 0:00	TTD DOJ-GOOG23-0001954	TTD DOJ-GOOG23-0001956	The Trade Desk document	Highly Confidential
PTX1708	3/16/2017 0:00	FBDOJ012737577	FBDOJ012737578	Facebook document	Confidential
PTX1709	7/5/2017 22:13	FBDOJGOOG_01186933	FBDOJGOOG_01186940	Facebook document	Confidential
PTX1710	10/4/2017 10:54	FBDOJ012956407	FBDOJ012956407	Facebook document	Confidential
PTX1711	1/1/2019 0:00	NEWSCORP-DOJCID-00003014	NEWSCORP-DOJCID-00003017	NewCorp document	Confidential
PTX1712	12/18/2019 0:00	FBDOJGOOG_01148571	FBDOJGOOG_01148574	Facebook document	Confidential
PTX1713		INTENTIONALLY OMITTED PTX			
PTX1714	2/3/2022 0:00	TTD DOJ-GOOG23-0001957	TTD DOJ-GOOG23-0001974	The Trade Desk document	Highly Confidential
PTX1715	8/31/2022 0:00	TTD DOJ-GOOG23-0001975	TTD DOJ-GOOG23-0001990	The Trade Desk document	Highly Confidential
PTX1716	6/8/2023 22:58	GOOG-AT-MDL-013105366	GOOG-AT-MDL-013105379	Google document	Highly Confidential

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PTX1717	Undated	DM GOOG 0000642	DM GOOG 0000647	DMGT presentation	Highly Confidential
PTX1718	Undated	TTD DOJ-GOOG23-0001156	TTD DOJ-GOOG23-0001172	The Trade Desk presentation	Highly Confidential
PTX1719	Undated	FBDOJ012851003	FBDOJ012851012	Facebook document	Confidential
PTX1720	9/29/2014 0:00	Public-WPP-ATR001-00000001	Public-WPP-ATR001-00000025	WPP document	
PTX1721	2/13/2012 1:16	GOOG-DOJ-14837888	GOOG-DOJ-14837894	Email from Scott Spency to Jason Bigler et al.	Highly Confidential
PTX1722	10/29/2013 21:03	GOOG-AT-MDL-014630352	GOOG-AT-MDL-014630354	Email from Woojin Kim to Scott Spencer et al.	Confidential
PTX1723	11/4/2013 18:39	GOOG-AT-MDL-019060395	GOOG-AT-MDL-019060396	Alphabet, Inc	Confidential
PTX1724	1/16/2014 0:19	GOOG-TEX-00653816	GOOG-TEX-00653861	Alphabet, Inc	Highly Confidential
PTX1725	10/20/2015 15:04	GOOG-AT-MDL-003364905	GOOG-AT-MDL-003364907	Email from Scott Sheffer to Anthony Nakache et al.	Confidential
PTX1726	11/23/2015 0:00	GOOG-AT-MDL-B-004100720	GOOG-AT-MDL-B-004100764	Alphabet, Inc. document	Highly Confidential
PTX1727	11/24/2015 22:49	GOOG-DOJ-32565428	GOOG-DOJ-32565428	Email from Woojin Kim to Bahman Rabii et al.	Confidential
PTX1728	1/6/2016 18:50	GOOG-DOJ-11765784	GOOG-DOJ-11765785	Email from Bryan Rowley to Jerome Gateau et al.	Highly Confidential
PTX1729	1/8/2016 23:58	GOOG-AT-MDL-013711389	GOOG-AT-MDL-013711394	Email from opg.global-leadership@google.com on behalf of Scott Sheffer to PBS Management Team et al.	Confidential
PTX1730	1/11/2016 19:14	GOOG-DOJ-12711795	GOOG-DOJ-12711805	Alphabet, Inc	Confidential
PTX1731		INTENTIONALLY OMITTED PTX			
PTX1732	4/11/2016 19:09	GOOG-DOJ-28517565	GOOG-DOJ-28517569	Email from Joan Hunter to Woojin Kim et al.	Confidential
PTX1733	5/10/2016 21:50	GOOG-DOJ-13521990	GOOG-DOJ-13521993	Email from Tobias Maurer to Dima Kuzmin et al.	Highly Confidential
PTX1734	10/19/2016 1:35	GOOG-AT-MDL-B-001121416	GOOG-AT-MDL-B-001121416	Email from Jim Giles to Nitish Korula et al.	Confidential
PTX1735	10/27/2016 10:33	GOOG-AT-MDL-B-001121650	GOOG-AT-MDL-B-001121650	Email from Glenn Berntson to Nitish Korula et al.	Confidential
PTX1736	11/10/2016 20:06	GOOG-DOJ-02852767	GOOG-DOJ-02852769	Message from Brad Bender to Payam Shodjai	Highly Confidential
PTX1737		INTENTIONALLY OMITTED PTX			
PTX1738	8/8/2017 10:25	GOOG-DOJ-14162034	GOOG-DOJ-14162039	Google document	Highly Confidential
PTX1739	10/11/2017 3:09	GOOG-AT-MDL-B-002114983	GOOG-AT-MDL-B-002114983	Email from Ali Amini to Jim Giles	Confidential
PTX1740		INTENTIONALLY OMITTED PTX			
PTX1741	12/6/2017 19:18	GOOG-AT-MDL-009513807	GOOG-AT-MDL-009513807	Email from Eddie Higgins to Danielle Romain et al.	Confidential
PTX1742	12/7/2017 7:33	GOOG-DOJ-09002381	GOOG-DOJ-09002386	Google document	Highly Confidential
PTX1743	3/14/2018 22:14	GOOG-DOJ-02855484	GOOG-DOJ-02855524	Google presentation	Highly Confidential
PTX1744	5/17/2018 15:57	GOOG-DOJ-07955157	GOOG-DOJ-07955161	Email from Chris LaSala to Bryan Rowley et al.	Highly Confidential
PTX1745	5/18/2018 17:38	GOOG-DOJ-08470881	GOOG-DOJ-08470884	Email from Johnathan Bellack to Donald Harrison	Highly Confidential
PTX1746	6/6/2018 18:31	GOOG-TEX-00040294	GOOG-TEX-00040332	Google presentation	Highly Confidential
PTX1747	6/19/2018 15:20	GOOG-DOJ-11347849	GOOG-DOJ-11347849	Email from Payam Shodjai to David Goodman	Highly Confidential
PTX1748	8/13/2018 11:21	FBDOJGOOG 01140379	FBDOJGOOG 01140379	Email from Elisabeth Diana to Monique Hall et al.	Confidential
PTX1749	5/13/2019 15:17	GOOG-AT-MDL-013301522	GOOG-AT-MDL-013301522	Email from Rita Ren to Santosh Cirupati	Highly Confidential
PTX1750	6/8/2019 20:26	ADOBE - CID 30473 - 0000072943	ADOBE - CID 30473 - 0000072959	Email from Adam Rose to Keith Eadie, with attachment	Confidential
PTX1751	8/21/2019 21:48	GOOG-DOJ-14223315	GOOG-DOJ-14223316	Email from Noam Wolf to Rob Hazan et al.	Highly Confidential
PTX1752	9/5/2019 21:14	GOOG-DOJ-29729087	GOOG-DOJ-29729090	Google presentation	Confidential
PTX1753	10/28/2019 16:18	GOOG-AT-MDL-008991752	GOOG-AT-MDL-008991754	Message from Guilio Minguzzi to Rahul Srinivasan	Confidential
PTX1754	11/19/2019 14:29	GOOG-AT-MDL-007344449	GOOG-AT-MDL-007344455	Email from David Garcia to Peentoo Patel et al.	Highly Confidential
PTX1755	2/4/2020 22:01	GOOG-DOJ-11890293	GOOG-DOJ-11890326	Google presentation	Highly Confidential
PTX1756	9/15/2020 20:13	GOOG-AT-MDL-001401514	GOOG-AT-MDL-001401516	Google document	Highly Confidential
PTX1757	2/4/2021 16:13	GOOG-AT-MDL-006037366	GOOG-AT-MDL-006037373	Google document	Highly Confidential
PTX1758	5/10/2021 0:00	TTD DOJ-GOOG23-0013630	TTD DOJ-GOOG23-0013751	The Trade Desk document	Highly Confidential
PTX1759		INTENTIONALLY OMITTED PTX			
PTX1760	9/17/2021	FBDOJGOOG-INV-00000022	FBDOJGOOG-INV-00000022	Facebook Data Production	Highly Confidential
PTX1761	1/9/2023 21:40	GOOG-AT-MDL-001064910	GOOG-AT-MDL-001064910	Google spreadsheet	Highly Confidential

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PTX1762	4/28/2023 10:13	FBDOJGOOG_01495007	FBDOJGOOG_01495016	Google Workplace webpage	Highly Confidential
PTX1763	5/2/2023 0:00	CRITEO_GOOGLELIT_0000000761	CRITEO_GOOGLELIT_0000000761	Criteo Data Production	Highly Confidential
PTX1764	6/5/2023			2023.06.05 Google Responses to Plaintiffs' Fourth RFPs	Highly Confidential
PTX1765	6/8/2023 20:43	GOOG-AT-MDL-009831092	GOOG-AT-MDL-009831094	Google document	Confidential
PTX1766	6/8/2023 20:43	GOOG-AT-MDL-009831506	GOOG-AT-MDL-009831519	Google presentation	Confidential
PTX1767	6/8/2023 20:43	GOOG-AT-MDL-009832388	GOOG-AT-MDL-009832390	Google document	Confidential
PTX1768	6/22/2023 1:28	GOOG-AT-MDL-011124130	GOOG-AT-MDL-011124651	Google presentation	Confidential
PTX1769	6/22/2023 2:44	GOOG-AT-MDL-019430588	GOOG-AT-MDL-019430601	Google document	Highly Confidential
PTX1770		INTENTIONALLY OMITTED PTX			
PTX1771	8/25/2023 0:00	CRITEO_GOOGLELIT_0000015578	CRITEO_GOOGLELIT_0000015578	Criteo Data Production	Highly Confidential
PTX1772	9/8/2023			2023.09.08 Verified Google's Amended Supplemental Response to Interrogatory 3 (HIGHLY CONFIDENTIAL)	Highly Confidential
PTX1773	10/6/2023			2023.10.06 Letter from D. Pearl to K. Garcia	Highly Confidential
PTX1774	11/8/2023			2023.11.08 Letter from E. Mahr to J. Wood	Highly Confidential
PTX1775	11/15/2023			2023.11.15 Letter from E. Mahr to J. Wood	Highly Confidential
PTX1776	12/8/2023			2023.12.08 Letter from A. Mauser to M. Freeman	Highly Confidential
PTX1777	Undated			Google document titled "You Said What?! 10 Things to Ensure You Are Communicating with Care"	Confidential
PTX1778	12/22/2023			Curriculum Vitae of Professor Robin S. Lee, Ph.D.	
PTX1779	12/22/2023			Curriculum Vitae of Gabriel Weintraub, Ph.D.	
PTX1780	12/22/2023			Curriculum Vitae of Ramamoorthi Ravi, Ph.D.	
PTX1781	12/22/2023			Curriculum Vitae of Rosa Abrantes-Metz, Ph.D.	
PTX1782	12/22/2023			Curriculum Vitae of Timothy Simcoe, Ph.D.	
PTX1783	2/13/2024			Curriculum Vitae of Adoria Lim	
PTX1784	2/13/2024			Curriculum Vitae of Kenneth C. Wilbur, Ph.D.	
PTX1785	2/13/2024			Curriculum Vitae of Wayne D. Hoyer, Ph.D.	
PTX1786	Undated	NYT_TXAG_00000108	NYT_TXAG_00000115	New York Times presentation	Highly Confidential
PTX1787	4/27/2023			2023.04.27 Revised Google Responses to Plaintiffs' First Interrogatories - HIGHLY CONFIDENTIAL and CONFIDENTIAL	Highly Confidential
PTX1788	9/1/2023			2023.09.01 Google's Responses to Plaintiffs' Fifth Set of ROGs	Highly Confidential
PTX1789	6/27/2024 22:24			Facebook.com webpage titled "Code of Conduct"	
PTX1790	2/14/2011 4:09	GOOG-TEX-00772670	GOOG-TEX-00772766	Email from Jonathan Bellack with attachment	Confidential
PTX1791	9/21/2008 18:14	GOOG-DOJ-01270484	GOOG-DOJ-01270490	Email from Ivan Ernest to Alan Eustace	Highly Confidential
PTX1792	4/19/2018 15:39	GOOG-AT-MDL-012366403	GOOG-AT-MDL-012366425	Message from Aparna Pappu to Sagnik Nandy et al., with attachment	Confidential
PTX1793	12/17/2018 9:01	GOOG-AT-MDL-B-004290134	GOOG-AT-MDL-B-004290137	Messages involving various Google employees	Confidential
PTX1794	11/18/2020 0:00	GOOG-AT-MDL-009709520	GOOG-AT-MDL-009709521	Google document	Highly Confidential
PTX1795	2/26/2021 0:00	GOOG-AT-MDL-009709508	GOOG-AT-MDL-009709509	Google document	Highly Confidential
PTX1796	10/1/2021 0:00	GOOG-AT-MDL-009709522	GOOG-AT-MDL-009709523	Google document	Highly Confidential
PTX1797	11/10/2021 18:15	GOOG-AT-MDL-010366478	GOOG-AT-MDL-010366478	Messages involving various Google employees	Confidential
PTX1798	2/8/2022 16:08	GOOG-AT-MDL-008033073	GOOG-AT-MDL-008033076	Messages involving various Google employees	Confidential
PTX1799	2/25/2022 0:00	GOOG-AT-MDL-009709506	GOOG-AT-MDL-009709507	Google document	Highly Confidential
PTX1800	7/29/2022 22:49	GOOG-AT-MDL-002984931	GOOG-AT-MDL-002984965	Google presentation	Confidential

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PTX1801	2/24/2023 21:01	GOOG-AT-MDL-009480562	GOOG-AT-MDL-009480566	Message from Susan Blackburn to Dan Taylor et al.	Confidential
PTX1802	5/17/2023 0:00	GOOG-AT-MDL-009709518	GOOG-AT-MDL-009709519	Google document	Highly Confidential
PTX1803	9/16/2008 23:01	GOOG-DOJ-29864619	GOOG-DOJ-29864620	Email from Matthew Drake to Bill Coughran et al.	Confidential
PTX1804	11/21/2016 18:09	GOOG-DOJ-12713557	GOOG-DOJ-12713558	Message from Roberto Ruju to Chris LaSala	Highly Confidential
PTX1805	1/11/2016 18:24	GOOG-DOJ-14432746	GOOG-DOJ-14432772	Google presentation	Highly Confidential
PTX1806	1/11/2019 17:24	GOOG-DOJ-AT-01680360	GOOG-DOJ-AT-01680369	Email from Rahul Srinivasan to Sam Temes et al.	Highly Confidential
PTX1807	2/28/2020 13:29	FBDOJ011922116	FBDOJ011922168	Message from J. Mark Hou to Tom Cunningham, with attachments	Confidential
PTX1808	6/2/2021 19:19	GOOG-DOJ-AT-02096186	GOOG-DOJ-AT-02096187	Alphabet, Inc. document	Highly Confidential
PTX1809	2/13/2023			Digiday.com article titled "'Fundamentally, the SSP business is not very attractive': The fall out of ad tech's latest round of closures," by Ronan Shields	
PTX1810	9/8/2023			2023.09.08 Verified Google's Response to ROGs 11-12, 14-15, 17 & Supplemental Response to ROG 14 (CONFIDENTIAL)	Confidential
PTX1811	11/8/2023			2023.11.08 Google's Corrected Response to Interrogatory 11	Confidential
PTX1812	2/15/2017 0:00	FBDOJGOOG_01166683	FBDOJGOOG_01166696	Facebook document	Confidential
PTX1813	4/4/2017 0:00	FBDOJGOOG_01363434	FBDOJGOOG_01363434	Facebook document	Confidential
PTX1814	1/29/2009 17:36	GOOG-AT-MDL-B-004389742	GOOG-AT-MDL-B-004389788	Email from Brad Bender to display-gcn-eng-leads@google.com et al., with attachments	Confidential
PTX1815	6/8/2016 6:06	AMZND0J0190670	AMZND0J0190671	Email from Matthew Battles to Miranda Chen et al.	Confidential
PTX1816	6/20/2016 1:21	AMZND0J0106813	AMZND0J0106817	Email from Miranda Chen to Tim Craycroft et al., with attachment	Confidential
PTX1817	1/7/2018 15:01	AMZND0J0161089	AMZND0J0161090	Email from Tim Craycroft to Paul Kotas et al.	Confidential
PTX1818	8/18/2020 17:54	GOOG-AT-MDL-B-004008622	GOOG-AT-MDL-B-004008624	Message from Chris LaSala to Nash Islam	Highly Confidential
PTX1819	2/9/2023 15:30	GOOG-AT-MDL-007385867	GOOG-AT-MDL-007385868	Message from Google Employee to Aparna Pappu	Confidential
PTX1820	10/19/2017 16:03	COM-00003942	COM-00003943	Email from Sharmilan Rayer to @NBC UNI Audience Studio et al.	Confidential
PTX1821	4/24/2019			2019.04.24 X posts written by Stephanie Layser and James Avery	
PTX1822	1/15/2018			Mediavine.com article titled "What is Header Bidding?" Eric Hochberger	
PTX1823	9/11/2019			Mediavine.com article titled "Google First Price Auction: What it Means For Publishers," Eric Hochberger	
PTX1824	7/25/2018			Mediavine.com article titled "Google Ad Manager: New Name, Same Great Mediavine Partnership," by Steve Marsi	
PTX1825	1/22/2013 3:04	GOOG-DOJ-14849643	GOOG-DOJ-14849644	Email from Scott Spencer to Jerome Gateau et al.	Highly Confidential
PTX1826	5/31/2013 2:27	GOOG-AT-MDL-014515755	GOOG-AT-MDL-014515757	Email from Woojin Kim to Scott Spencer et al.	Confidential
PTX1827	12/2/2013 23:24	GOOG-AT-MDL-014082831	GOOG-AT-MDL-014082832	Email from Scott Spencer to Daniel Alegre et al.	Confidential
PTX1828	2/14/2014 20:16	GOOG-DOJ-15616116	GOOG-DOJ-15616117	Email from Eyal Manor to Scott Spencer et al.	Highly Confidential
PTX1829	3/4/2014 20:29	GOOG-DOJ-14257049	GOOG-DOJ-14257050	Message from Scott Spencer to Eyal Manor	Highly Confidential
PTX1830	5/9/2015 1:06	GOOG-DOJ-14271826	GOOG-DOJ-14271830	Email from Scott Spencer to Charlie Vestner et al.	Highly Confidential
PTX1831	5/9/2017	FBDOJ012357635	FBDOJ012357646	Facebook document	Confidential

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PTX1832	Undated	CRI-00000278	CRI-00000285	Criteo presentation	Confidential
PTX1833	11/16/2021			Index Exchange press release titled "Index Exchange builds 'Exchange of the Future,' Scaling its Omnichannel Capabilities for New Channels and Creative Formats"	
PTX1834	9/22/2023 10:36			Index Exchange webpage titled "Ad Channels and Formats - Index Exchange"	
PTX1835	Undated	TWDC_GOOG_00055169	TWDC_GOOG_00055181	The Walt Disney Company document	Highly Confidential
PTX1836		INTENTIONALLY OMITTED PTX			
PTX1837	10/11/2023			2023.10.11 30(b)(6) Notice to Google	
PTX1838	11/8/2023			2023.11.08 Google Response to Plaintiffs' October 11 Letter re Ingestion Site Issues - HIGHLY CONFIDENTIAL	Highly Confidential
PTX1839	11/8/2023			2023.11.08 Letter from E. Mahr to J. Wood re Written Response to 30(b)(6) Topics 25-26	Highly Confidential
PTX1840	11/10/2023			2023.11.10 Google Response to Plaintiffs' October 11 Letter re Ingestion Site Issues - HIGHLY CONFIDENTIAL	Highly Confidential
PTX1841	5/5/2023			2023.05.05 Letter from F. Rubinstein to K Herrmann regarding Additional Documents	
PTX1842	6/2/2023			2023.06.02 Transmittal Letter re Google PROD262	
PTX1843	7/23/2021			2021.07.23 Letter to Google re Miscellaneous Items	Confidential
PTX1844	6/1/2021			2021.06.01 Letter to Google re Handwritten Notes, Mobile Devices, and Chats	Confidential
PTX1845	11/15/2023			2023.11.15 Letter from E. Mahr to J. Wood re Supplemental Written Response to 30(b)(6) Topics 25-26	Highly Confidential
PTX1846	12/23/2020			2020.12.23 Letter to Google re Preservation and Production of ESI	
PTX1847	7/11/2023			2023.07.11 J. Elmer Letter re Substantial Completion	
PTX1848	3/31/2023			2023.03.31 Google Search Production Cover Letter	Confidential
PTX1849	6/12/2023			2023.06.12 Google Search Production Transmittal Letter	

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PTX1850		GOOGEDVA-SC-00001; GOOGEDVA-SC-00002; GOOGEDVA-SC-00007; GOOGEDVA-SC-00008; GOOGEDVA-SC-00009; GOOGEDVA-SC-00010; GOOGEDVA-SC-00012; GOOGEDVA-SC-00013; GOOGEDVA-SC-00015; GOOGEDVA-SC-00016; GOOGEDVA-SC-00017; GOOGEDVA-SC-00018; GOOGEDVA-SC-00019; GOOGEDVA-SC-00020; GOOGEDVA-SC-00023; GOOGEDVA-SC-00024; GOOGEDVA-SC-00025; GOOGEDVA-SC-00028; GOOGEDVA-SC-00029; GOOGEDVA-SC-00031; GOOGEDVA-SC-00032; GOOGEDVA-SC-00033; GOOGEDVA-SC-00034; GOOGEDVA-SC-00035; GOOGEDVA-SC-00036; GOOGEDVA-SC-00037; GOOGEDVA-SC-00039; GOOGEDVA-SC-00042; GOOGEDVA-SC-00043; GOOGEDVA-SC-00045; GOOGEDVA-SC-00047; GOOGEDVA-SC-00048; GOOGEDVA-SC-00055; GOOGEDVA-SC-00062; GOOGEDVA-SC-00069; GOOGEDVA-SC-00074; GOOGEDVA-SC-00075; GOOGEDVA-SC-00076; GOOGEDVA-SC-00078	N/A	Google Source Code	Highly Confidential - Source Code
PTX1851	9/21/2015			Paparo, Ari, "The ad tech industry is waging a secret war on Google," BusinessInsider.com (Sep 21, 2015), available at https://www.businessinsider.com/how-ad-tech-companies-are-using-header-bidding-to-tackle-googles-dominance-2015-9	
PTX1852	6/18/2015			Sluis, Sarah, "The Rise Of 'Header Bidding' And The End Of The Publisher Waterfall," AdExchanger.com (June 18, 2015), available at https://www.adexchanger.com/publishers/the-rise-of-header-bidding-and-the-end-of-the-publisher-waterfall/	
PTX1853	4/19/2019 16:59	GOOG-AT-MDL-B-007778984	GOOG-AT-MDL-B-007778984	Recording of Google presentation	Highly Confidential
PTX1854	4/19/2019 16:59			Certified Transcript of GOOG-AT-MDL-B-007778984	Highly Confidential
PTX1855	2/16/2021 20:27	GOOG-AT-MDL-B-007779357	GOOG-AT-MDL-B-007779373	Google presentation	Highly Confidential